

PROFESSIONAL SUMMARY

Highly experienced software professional with a record of innovating, developing and supporting successful projects and solutions incorporating a wide range of applications and technologies. Consistently recognized executive management to improve software efficacy and efficiency by adopting innovative strategies to analyse and solve problems with large datasets.

- Over 20 years of diverse experience in **Artificial Intelligence, Cloud, Python, Java, J2ee, Informatica MDM**, Cloud, BIG Data stack, SOA, Agile, Data Lake, Master Data Management, Web and Client-Server environments and hands on experience on Requirement analysis, design, development, re-engineering, maintenance, installation, implementation testing and support.
- **Expertise on Informatica MDM** and great experience working with customers across North America.
- **End to End MDM Product Expertise (On Premise/Hybrid) include requirement gathering, design and development.**
- **Hands on Informatica MDM match, merge, smart search, user-exits, task workflow using Siperian(deprecated)/ActiveVOS including cluster architecture with high volume handing data.**
- Lead Expertise the development of cloud-based distributed computing platform.
- Excellent Startup Experience with end to end life of cycle project.
- Excellent experience on **Service Oriented Architecture** providing web services (SOAP and REST implementation
- Excellent soundtrack on End to End Analysis, design, develop, testing and Support.
- Very good experience on **Cloud computing** like **Amazon EC2, Open stack and Eucalyptus** cloud systems.
- Expertise in Scrum **Agile** Development Process as a **Scrum Master**.
- Good Domain Exposure on Cloud Computing, Financial, Insurance, telecom, Educational, Mobile and Gaming.
- **Hands on using Spring framework like Spring JDBC, Spring AOP, Spring IOC, Spring Unit Testing,**
- Expertise in implementing various Object-Oriented Design Patterns such as **Model View Controller, Front End Controller, Data Access Object, Business Delegate, Service Locator, Data Transfer Object/ Value Object, Session Facade and Singleton.**
- Experience in developing dynamic web applications using **Rational Application Developer (RAD 8.0), IBM WebSphere Studio Application Developer (WSAD 5.1.1), Eclipse (3.1/2.0)** and deploying the applications on **IBM WebSphere Application Server (WAS 4.x/5.x/6.x), Weblogic Server 8.1, Apache Tomcat 5.5/7.0.**
- Expertise in designing and developing Multi-tier enterprise level web applications using various J2EE technologies including **JSP (1.1/2.0/2.1), Servlets (2.1/2.4/2.5), EJB (2.0/3.0), JDBC, JNDI, RMI, Web Services, XML** technologies.
- Experience in design and development of Message Oriented Middleware technologies using **JMS** and **XML** and **WebSphere MQ** series.
- Expertise in using various open source frameworks and tools such as **Struts framework (1.1/1.2/2.0), Velocity, Log4J 1.2.7, Ant 1.5, spring (1.0/1.2), Apache Lucene, Maven 2.0, Sonar, JUnit.**
- Expertise in working with the presentation layer using **HTML, DHTML, JSP, JSTL, Custom tag libraries, JavaScript 3.0.3 and AJAX, SweetDev, Google Web Toolkit.**
- Experienced in XML parsers like JAXP (SAX, DOM), Liquid XML and JAXB.

- Experience in working with **Oracle (9i/10g), DB2 and My SQL.**
- Expertise in **Object Oriented Programming (OOP), Object Oriented Analysis and Design (OOAD)** and **Unified Modeling Language (UML)** using **Microsoft Visio, Rational Rose.**
- Experience in using version control tools **CVS, Subversion, Microsoft Visual SourceSafe, and Clear Case, Tortoise SVN, Push OK.**
- Knowledge in **GWT 3.0**(Google web toolkit).
- Strong interpersonal and communication skills and self-motivated individual showing ability to learn and use new technologies and frameworks in a short span of time.
- Experience working on **Microsoft C#**
- Expert in **Crystal Reports Design and Integrate using SAP Crystal Reports XI with Java**
- Good exposure on Linux.
- Exposure on NoSQL data stores MongoDB, Cassandra, Redis, Memcache, etc
- Expert on Informatica MDM product and Java API on top MDM.
- Active source code participation in GitHub.
- Active participant to Meetups in BayArea (Sanfrancisco), limited contribution to Apache Sqoop2 project in free time.

TECHNICAL SKILLS

AI	Generate AI, Prompt Engineering, OpenAI, Python Models, Jupyterhub, Azure AI Search, Embeddings, Vectors
Cloud	AWS, Azure Cloud, Azure AI, Google GCP
Informatica MDM	Informatica Next Gen SAAS (Yet to release), Informatica MDM 11,10.1. x, Informatica Data Director, ActiveOS 5.x, Performance Tuning, Match Tuning, Smart Search, Zookeeper, Apache Solr Administration, Cluster Management, Message Queue Configuration, Jboss, Weblogic, Oracle, Java UserExit.etc
BIG Data Stack	Scala, Python, Apache Spark, Apache Solr, Apache Zookeeper, Zeppelin, Jupyter, HDFS, MapReduce, Hive, Pig, HBase, Scoop, Oozie, Hortonworks. Cloudera CDH4, Horton Works, Amazon EC2
Languages	Java, Python, C, C++, Java, C#, SQL, PL/SQL, UML2.0, XML 1.x, XSL 2.0, XSLT, XSD, WSDL
Java J2EE Technologies	Collections, Inheritance, Polymorphism, Multithreading, Networking, Generics, Exception Handling, Files and Streams, JDBC, ENUM Servlets, JSP, JSTL, RMI, EJB 2.x/3.x, JMS
App/Web Server	Jboss, Weblogic, Apache Tomcat, Nginx
Web Services	SOA, SOAP, REST, WSDL, Axis, JAX-WS, REST API
IDEs	IntelliJ, Atom, Visual Source Code, WSAD 8.0, JDeveloper, IBM RAD v8.0 and Eclipse 3.5 Juno, Net Beans.
Framework	Spring 1.0/2.0/3.0, Hibernate, Struts 1.1/1.2/2.0, WebWork2, SweetDev
Version Control	GitHub, CVS, SVN, Clear Case, StarTeam, Push Ok, Git, Git Extensions

NoSQL/SQL Database	Redis,MongoDb Oracle 8i/9i/10g, MySQL,
Design Patterns	MVC, MVC-2, Business Delegate, DAO, DTO, Service Locator, Session Facade, Intercepting Filter, Singleton.
Operating Systems	Linux Redhat/CentOS, Ubuntu, Windows 98/2000/XP, MS DOS, UNIX.
Web Technologies	XML, XSLT, XSL, XDoclet, XPath, JAXP, JAXB, SAX, DOM, HTML, CSS, XHTML, DHTML.
Applications	MS Office
Scripting Languages	Shell /Batch, JavaScript 3.0.3 and AJAX
CodeQuality/Coverage tools	NCover, Clover, Checkstyle, Eclipse Emma
Testing Tools	Nunit, JUnit, NUnit Forms, Fitnessee, HP Quality Center, Selenium, JMeter
Domain	Pharma, Movie, Cloud, Banking, Insurance, Telecom, Educational
Project Management	Atlassian Jira, Pivotal Project Tracking, GitHub
Other Tools	ANT, JAXB, GWT, JAXP, JUnit, Log4j, SLF4j, Toad, Rational Rose, Maven, Subversion, Visual SourceSafe, Websphere MQ, MQ Explorer, JConsole, Liquid XML, Altova XML Spy, Sonar, Hudson, Fitnessee, SP Builder, Crystal Report XI, Jakarta POI, SSH Secured Shell 3.2.x. SOAP UI 3.6, SQL Developer, JIRA, BackLog, Java Mail 1.4, Git Extensions, AWS Console, My SQL workbench, WinScp, SAP Lumira/Visual Intelligence, Hadoop, Map Reduce, Hive, PIG, Pentaho
Customer Support Tools	Salesforce

PROFESSIONAL EXPERIENCE

Intuitive Surgical, Sunnyvale, CA

Dec 2021– Till

Date

ROLE: Sr Technical Architect

Project: Q360/VPI/Generative AI/RFID/Streaming Pipeline/IP/Intuitive Translate

Q360 is a system to help supply chain model in the company where parts received from various countries should go through the inspection. I built a platform to help the inspector to inspect the parts and moved to the storage location for further assembly. Used cutting edge technologies to seamless help the organization with 6 pillars of architecture model.

VPI is externally faced system when vendors can submit the report related to the parts they are shipping from their manufacturing unit. This system allows the users to upload report with measurements as part the inspection plan.

Generative AI is system to build latest and advanced technologies using Open AI and Microsoft Azure. This system helps the users to upload their documents and data and the system built by me generated

knowledge base assistants and rag-based search assistants to help with live data from data sources. I am one of the core team of AI at Intuitive in the entire organization.

Streaming Pipelines is system to help the entire org to send and receive message through kafka channels with topics. Over 5 million message per day flow through the system I created with in org.

IP is intuitive Inspection Plan project introduced in 2023 Q4 and finished in 2024 Q4 which replaced the 3rd parts software 1factory running last 10 years and saved a 300 thousand dollars savings per year and over 3 million in next 10 years.

Intuitive Translate is product built on top of the Microsoft Azure Translate and this system saves around 5-10 million over the year for company by enabling the 80 % automated translation with workflows and allow user to manual validate and edit by 20%.

Oportun , San Carlors, CA

Dec 2019 – Dec 2021

ROLE: Senior Big Data/Cloud Engineer

Project: FinCloud and Data Scientist Notebooks

FinCloud enables the entire organization to bring on one table for all the financial cloud services. I am responsible for Cloud solutions building on AWS, Kubernetes, building data pipelines and CI/CD. During my tenure, I introduced Kubernetes for the entire organization and allowed multiple teams to deploy their apps with simple configuration automatically.

Booz Allen Hamilton, Rockville

Dec 2017 – Till the Date

ROLE: Lead Technologist

Project: FIDA – FDA System

Responsible for one of the system FIDA in FDA to design and develop the core data management implementation to help the government with features like data mining, data analytics and Business Intelligence.

V2Solutions, Santa Clara

Oct 2017 – Dec 2017

ROLE: Director of Engineering

Project: Spheric 2.0

Spheric provides the master records of title and availability of the title in the market. It brings the data from various source systems in the market like itunes, Amazon, Google, Vudu, Sony and Verizon and create a fine tunes master record. This system consolidates the titles coming from the various system as said and create a master record using the match rules defined by the business. And also get the availability of the title from the various studios like Disney, fox and Warner brothers and create a compliance report to solve the data issues in the workflow manner.

Responsibilities:

- Involved in Business meetings to understand the product requirements.
- POC provided creating a master record with the help of open source technologies in the market.
- POC provided for task workflow which fit the 100% product need using simple table design similar to siperian workflow in the Informatica MDM.

- Analyzed and designed the search feature to handle 500 +million data which is currently stored in Google Big table replacing with Solr Search to trade off commercial with open source product.
- Designed and prepared the presentations for data flow design and business workflow.
- Prepared the complete technical stack.
- POC done with open source projects.
- Running the scrum team along with my 80% development contribution.
- Defined the cloud stack flow for data inflow from the out systems to the spheric platform.
- Writing Java/Python code continues checkin to Github.
- Release and show and tell for evert Sprint.
- Record consolidation and Task Workflow engine design.
- Table design for the ETL process and data loading and cleansing using open source tool like Pentaho and spark jobs.
- Involved in UI Design and collaboration with teams for day to day changes.
- Code Review and Code Coverage

Environment: Java, Gradle, IntelliJ, GitHub, Python, Apache Solr, Amazon Simple Email Service, Spring Framework, Amazon S3, Apache POI, ETL Batch jobs Automation, CRON jobs, Nginx, Dev Ops, Pentaho Data integration

Informatica Corp, Redwood City, CA

Dec 2013 – Sep 2017

ROLE: Senior Technical Support Engineer / Product Specialist

Project: Informatica MDM - Master Data Management

Master data is a collection of common, core entities along with their attributes and their values that are considered critical to a company's business and that are required for use in two or more systems or business processes. Examples of master data include customer, product, employee, supplier, and location data. Complexity arises from the fact that master data is often strewn across many channels and applications within an organization, invariably containing duplicate and conflicting data. Master Data Management (MDM) is the controlled process by which the master data is created and maintained as the system of record for the enterprise. MDM is implemented in order to ensure that the master data is validated as correct, consistent, and complete. Optionally, MDM can be implemented to ensure that Master Data is circulated in context for consumption by internal or external business processes, applications, or users.

Responsibilities:

- Understanding the customer requirements and providing the product design guidelines and solutions to the customers.
- Involved in building Installation of MDM (hybrid/on premise) in cluster and non-cluster environment
- Installation includes App servers, Database, MDM, Smart Search configuration, Address Doctor, ActiveVOS, IDD, Ors Specfic API, Message queue configuration, Provisiing Ui, Cloud Redshift, Performance tuning, Hardware tuning.
- Finding the workaround/solution for the issue and make a move from the roadblocks.
- Worked on Informatica 9.1/9.5/10/10.1.x, AddressDoctor, Informatica IDQ integration, Informatica ETL Integration with MDM
- Worked on Informatica MDM latest features like Smart Search, Business Entities design and Development using Provisioning Tool, ActiveVos integration with MDM and Cluster Configuration.
- Designed and Developed Internal Tool for Log Analysis using the technical stack like Spark with scala and apache kafka, where the tool capable of Offline file analysis or stream analysis which help the bottleneck issues from the multithreading, job stats.etc.

- Designed and developed API documentation on top of Business Entities which helps the customers better understanding the API and value to the Business.
- Building task work flow using Siperian and ActiveVOS.
- Migration activities from lower version to upper version in smoother way including Code migration.
- Understanding the technical issues and providing solutions.
- Written Java Code on top of UserExits interfaces, ORS Specific API, External webservice calls.
- Designing Transformations and steps during the Business Entities process.
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- Complete technical stack understanding of Business Entities and underlying technical stack like eclipse link/COCS
- Analyzing the logs and finding the root cause of the issue.
- Debug the java code for finding Java Issues.
- JProfiler and test the Heap behavior for better system performance.
- Finding performance issues in the production/non-prod environment and providing recommendations.
- Good experience using YourKit Profiler for finding the Multithreading issues during the Match/Merge/ETL Batch jobs
- Identifying JBoss Cache issues and observing the behavior in the cluster and the non-cluster environment.

Environment: Java 1.7, Informatica MDM 9.X, Jboss (All Versions), WebSphere 8.5, Weblogic 12, Oracle 11g, JProfiler, Eclipse, Perforce p4, YourKit

CLYP Tech (Acquired by Fishbowl), Palo Alto, CA
Dec 2013

June 2013 –

ROLE: BIG Data Architect/ Dev OPS

Project: GoldenCLYP / CLYP Infrastructure

CLYP defines the next generation of customer engagement & interaction in digital marketing & loyalty automation. CLYP's revolutionary patent pending "Adaptive Personalization & Targeting" engine makes relevancy a reality and ensures that consumers are reached at the right time, with the right content, at the exact right place. Leveraging deep consumer insights with the near global penetration of sophisticated mobile devices along with sophisticated Geo & Micro-Location technology, CLYP empowers Brick & Mortar retailers to utilize the natural advantages that they hold over online retailers.

Responsibilities:

- Understanding the technical issues and providing solutions
- Worked on full life-cycle of a big data solution, including requirements analysis, platform selection, technical architecture design.
- POC done on Hadoop provided the demo to the Clients.
- Have created Cloudera Hadoop cluster with 10 nodes on Amazon EC2.
- Data transformation between MySQL to HDFS/Hive for BigData Analytics
- Written MapReduce Jobs to analyze the data in HDFS.
- Used Impala/Hive Queries for SQL related queries.
- Used SQOOP Jobs to transform the data between MySQL and Hive Tables using MySQL connector.
- Handled around 150 million of records in Hadoop system.
- High availability of CLYP SaaS platform.
- Scalability for CLYP big data platform.
- Day to day operation of CLYP SaaS platform.
- Deployment strategy for CLYP Production.

- End to End development environment setup.

Environment: Java 1.7, Cron Jobs, Batch Programming, Maven, Java Collection Framework, RHEL 6.5, Log4J, Putty, Hadoop EcoSystem – HDFS, Cloudera 5.X, SQOOP/SQOOP2, HIVE,Yarn, MR2,Pentaho, Git Hub, Assembla

ZenbiData Inc, San Jose, CA

June 2013 – Dec 2013

ROLE: System Analyst

Project: Sltozi

Atlantis showcases a dynamic casino floor with all the hottest games and more progressive jackpots for more fun! Play a variety of casino games ranging from the latest in slots and video poker, dynamic table games. Slotzi provides the interface between Player and the Game machine, where every player gets recommendations, alerts, favorites and jackpot details using Mobile application like iOS or Android devices.

Responsibilities:

- Worked on full life-cycle of a big data solution, including requirements analysis, platform selection, technical architecture design
- End to end development environment setup
- Determining map-reduce design patterns and development, testing and implementation.
- Designing new POCs. Performed data analysis and scope of using Map Reduce, Sqoop, Pig, Hive and Oozie.
- RESTful web services developed using spring framework.
- Developed securing the REST API using Basic Auth
- Deploying the application in the Production environment.
- Wrote Unit test cases for all the rest api's using Spring Unit testing.
- Set up cluster monitoring tools (Ganglia, Nagios) for Hadoop.
- Code Coverage using Eclipse Emma.
- Used Pentaho for ETL process and load data to Hadoop Cluster.
- Verify the developed REST API using iOS and Android.

Environment: Java 1.7, Tomcat 7.0, Hadoop, Hive, HBase, Pentaho, Map Reduce, spring framework, Ubuntu Linux, Windows 7, Github, Git Extensions, Maven, Junit, Postman Rest Client, Spring Basic Auth, Android Studio, iOS, Amazon EC2.

SAP Labs, Palo Alto, CA

Apr 2013 – June 2013

ROLE: System Analyst

Project: Cloud Provisioning Gateway

Cloud Provisioning Gateway offers a complete set of infrastructure and application services that enable you to run virtually in the cloud by connecting to the Other Cloud Systems like Amazon EC2, OpenStack and Eucalyptus. Gateway provides cloud services for SAP products like SAP Hana and Internal tools to make applicable

Responsibilities:

- Establish the connection between Gateway the Amazon EC2, Open stack and Eucalyptus.
- Developed Generic API to access any cloud connector.
- Log files generation for every cloud which comes to Gateway.

- REST Client generated and used in the UI layer.
- Used MVC Design Pattern using Struts Framework.
- Used Shell scripting to connect to Eucalyptus.
- Designed and Developed Mail Communication to Gateway users.
- Writing basic shell scripting.
- Participated in daily Scrum as part of Agile Development process.
- Done the Analysis and Estimation as part of the Scrum and preparing the Scrum reports.
- Verify the installations of applications on the cloud.
- Daily Integration testing results health check, report failure to the owner or fixing the issues.
- Creating Image Ids in the Cloud and installation of the application.
- Port access and security group creation for the application using respective cloud API.
- Mentoring the team for technical queries.
- Product Demo every week to Business Analysts and getting the new requirements prepare a development plan for the coming week.
- Successfully launched cloud applications like SAP Hanaone, SAP Lumira, SAP IDE Lite and PerfTool.
- Very good initiative starting from Analysis, design, development, testing and providing the demos to the Business Analysts and development plan for the team.
- Regular builds on Hudson server.
- Writing Unit Test cases and Integration test cases for every Cloud.
- Code Coverage using Eclipse Emma.
- Writing JSON Objects to MongoDB to store the applications listed in Gateway.

Environment: Java 1.7, Servlets, JSP, JDBC, Design Patterns, MongoDB, JUnit, Surefire, Log4j, Maven 3.0, Struts 2.2, Linux(Ubuntu)/Windows 7, JSON, Shell Scripting, Open Stack, Eucalyptus, JavaScript, Tomcat 7.0, Amazon EC2, Agile Scrum, WinSCP, Putty, JQuery, AJAX, JavaScript, Jersey REST API, Hudson, GitHub, GitExtensions, Eclipse EMMA.

Verizon, Ashburn, VA

May 2012 –Apr 2013

ROLE: Consultant System Developer

Project: E2Ei MQ Adaptor

E2Ei is an End to End Integration of the Ordering, quoting, pricing, and provisioning of an order for various products like PIP, TDM, and Ethernet over TDM, etc... E2Ei is a group of systems like ProQuest, vPrice, Provisioning Controller, CAMEO and BZW. Each system will take a major role in the completion of the Order from the Customer. In Order to make all web services calls across End to End Integration system asynchronously for MQ Adaptor, takes cares of routing the web services. MQ Adaptor reads the messages from Message Queue and Do Audit and route to respective systems like CAMEO, NRM...Etc.

Responsibilities:

- Involved in various phases of Software Development such as modeling, system analysis and design, code generation and testing using **Agile** Methodology
- Design and Analysis of various Web services across E2Ei systems which are time taken and call them asynchronously using MQ Adaptor.
- Involved in development of the Code and testing.
- Used Remote Method Invocation (**RMI**) process in order to control the Adaptor from remote machine to Stop/Resume/Suspend the MQ Adaptor process.
- Developed Mail Communication using **Spring Mail** in cases of MQ Adaptor failures.
- Sending Mock response in case of endpoint failures.
- Done the Auditing records which come to MQ Adaptor based on Processed or Unprocessed.
- Retry logic in case of any issues in process messages.

- Used Log4j for better capture of the MQ Adapter processing/status for end users or Support Team.
- Responsible for any issues in Developer Testing, System Integrated Testing, Pre-Production and Production environment.
- Developed MQ Simulator for Automated Testing.
- Performed unit testing for each module, and prepared code documentation for future reference and upgrades.

Environment: Spring Tool Suite, Java 1.6, Spring JDBC, Spring tools, XML, Maven 2.0, RMI, JConsole, JDBC, SOAP, WSDL, Web Services, Oracle, Maven, Agile development process, JUnit, Windows 7, Log4j, Linux, MQ Series, MQ Explorer 7.5, JNDI, Spring Mail, Spring IOC.

Verizon, Ashburn, VA

Oct 11 – Mar 12

ROLE: Project Lead / Consultant System Developer

Project: End to End Integration

E2Ei is an End to End Integration of the Ordering, quoting, pricing, and provisioning of an order for various products like PIP, TDM, and Ethernet over TDM, etc... E2Ei is a group of systems like ProQuest, vPrice, Provisioning Controller, CAMEO, and BZW. Each system will take a major role in the completion of the Order from the Customer.

Responsibilities:

- Involved in various phases of Software Development such as modeling, system analysis and design, code generation and testing using **Agile Methodology**
- Developed and implemented the **Webservices using Rational Application Developer**.
- UI designed using GWT – Google web toolkit.
- Developed the presentation layer using XML, XML Schema, JSP, Google Web Toolkit 3.0, and Web service
- Wrote various Struts Framework Action classes for interfacing with the business logic, form beans for presenting the data to JSPs.
- Developed using Data Access Object, Business Delegate, and Singleton Design Patterns.
- Involved in development using struts components—**Struts-config.xml, tiles, form beans and plug-ins** in Struts architecture.
- Worked on generating the web services classes by using Service Oriented Architecture **SOA, WSDL, UDDI, and SOAP**.
- Implemented Business Delegate, Singleton, DAO, Service locator, Session Façade, Model View Controller design patterns for all the modules.
- Used **RAD** (Rational Application Developer 8.0) as a Development platform.
- Developed SQL, PL/SQL with Stored Procedures to interact with the persistent database using Mainframe DB2/Oracle.
- Used **JDBC API** to connect to the database and carry out database operations.
- Used to create EAR files and deployed the application on Development and Production **WAS 6.1** servers.
- Used **Log4j** for logging errors, messages and performance logs.
- Participated in code review sessions with the architects to enhance and fine tune the performance of the site.
- Performed unit testing for each module, and prepared code documentation for future reference and upgrades.
- Week delivery reports tracking current and coming week deliverables with expected timelines.
- Understanding the requirements from the Functional team, analysis and design for Development.
- Self-review and Peer review for Good code quality deliverables.
- Test case and Test Suite Preparation using JUnit Test.

Environment: RAD 8, WAS 6.1, Servlets3.0, JSP 2.2, Struts1.3, HTML, XHTML, XSLT, CSS, JavaScript, JDBC, EJB, SOAP, WSDL, Web Services, Oracle, Ant, Maven, Agile development process, PL/SQL, JUnit, Log4j, Linux and Windows 7.

BNP Paribas, Paris, France

ROLE: Technical Leader

Apr 11 – Aug 11

Project: The System of Tax Reclaim and Relief at source (STARR)

STARR is new in-house tax platform, also known as the System of TAX Reclaim and Relief at the source. STARR will be a unique tax system to enable tax reclaims at BP2S. The advantages are that the application is well designed and flexible. STARR replaces the old platforms that were outdated and in need of harmonization. The strong benefits of STARR project are Secure processes (e.g. alerts, reminders sent to operations when deadlines are approaching, audit trail, automatic billing), Ensure consistent service across all markets and produce consolidated reporting for clients Monitor the tax process activity through various indicators, Create flexibility to integrate new products offered (reclaim on relief at source markets), Increase collaboration between local custody and global custody Mitigate operational and financial risk linked to the limitations of the previous Tax claim system. STARR's advantages are: rapidity, security, and accuracy.

Responsibilities:

- Participating in the **High-level and low-level system design, planning, estimation, and implementation.**
- Responsible for end to end solution for each requirement.
- More Initiative to resolve issues technically in the team, and mentoring the technical skills.
- Developed and implemented the **MVC** Architectural Pattern using **Struts Framework** including **JSP, Servlets**, Action classes and SweetDev.
- Used **Crystal Reports**, to select and link tables from a wide variety of data sources and Business Objects. Fields from these tables can be placed on the report design surface, and also be used in custom formulas.
- Asynchronous calls for Crystal Report Job calls.
- Data Grip data capture and Excel, CSV, PDF files generation based upon request.
- Involved in Units integration, bug fixing, and User acceptance testing with test cases.
- Improving the Code coverage based on the Sonar report on code coverage.
- Used **Log4j** for logging errors, messages and performance logs.

Environment: J2EE 1.4, JDK 1.5, Servlets3.0, JSP 2.2, SweetDev, Star Team, Crystal Reports XI, Struts1.3, Spring 3.0, HTML, SOAP, WSDL, Web Services, Oracle 10g, Eclipse 3.2, Ant 1.6.5, Maven, Agile development process, CVS, PL/SQL, JUnit, JMock, Windows XP and Log4j, Sonar, Team City, SP Builder.

Standard Life, Scotland, Edinburgh, UK

Sep 10 – Dec 10

ROLE: Scrum Master/ Senior Software Engineer

Project: Trust Based Pension

Trust Based Pension (TBP) is a product developed for one of the leading UK based Insurance Giant for catering people involved in defined contribution (DC) trust-based group pension Schemes. TBP is a flexible product that can be tailored to meet the specific needs of employers and trustees in respect of product features, investment choice, administration, support and member communication, hence targeting a market with large employers (with more than 1000 employees). TBP is implemented with C# & Java as the prime technology involving SOA (Service oriented Architecture) in the Agile Methodology.

Responsibilities:

- Provided technical guidance to business analysts, gather the requirements and convert them into technical specifications/artifacts.
- Leading Team of 10 members including Offshore and OnSite.
- As a Scrum Master responsible for Backlog, Sprint, Task Breakout, Show and tell meetings, Huddles, Retrospective meetings.
- Act upon the improvements and issues in previous sprint make it more productive in coming Sprint.
- As Agile implementation is first time, Worked at the location Edinburgh(Onshore), at the location Edinburgh from different office (Nearshore), and from India(Offshore).
- Worked on Microsoft C# as Presentation Layer.
- Developed Business service using C# with the support Liquid XML generated beans for the given XSD in the form of DLL.
- Mock service has implemented to make independent from End Systems.
- Business Service registrations using UDDI.
- Development on Business Layer using Java for the support of Business Services.
- Generating the jar files for the XSD given by the Business Analyst.
- Developed the code using Java for the Business service for the given XSD.
- Integrated testing has done by providing the mock values.
- Designed the application using **MVC, Factory, Data Access Object, Service Locator, and Session Facade Design Patterns.**
- Developed and Deployed **Web services - WSDL and SOAP** for getting messages from third party.
- Set up and integrated with third-party web services using third party product **WSM** (Web Services Manager) appliance.
- Designed, and integrated with necessary **stored procedures in DB2.**
- Set up the application in **Ant** for building and used **Subversion** as version control.
- Developed Application using IDE **Ration Application Developer 7.0.**
- Used **JUnit** Testing Framework for Unit Level Testing.
- **Log 4j** was used to log both User Interface and Domain Level messages and also used to debug the multithreaded part of the application.
- Designed and created XSD's and XML structures for web services SOAP requests.
- Fitness scripts for automated testing.
- Moving the Stored Procedures written to Mainframe DB2 Endeavor.
- Mock testing templates created for all web services used in project.

Environment: IBM RAD 7.0, Microsoft Visual Studio, Liquid XML, Fitness, JDK 1.5, EJB 3.1, Struts 2.0, Spring 1.2, JSP 2.2, Servlets 3.0, HTML, CSS, DHTML, JavaScript, AJAX, XML, XSLT, JAXP, JAXB, , JMS, SOAP, WSDL, JDBC, JNDI, Subversion, Log4J, JUnit, DB2, Windows XP, NCover, Checkstyle, Clover, Hudson

BNP Paribas, Paris, France

Jan 07 – July 10

ROLE: Java/J2EE Developer

Project: Investor Dictionary Updating System

"Investors Dictionary Update System" INDUS is a system for maintaining Customer/Investor related information with respect to the conducts of business as described in Financial Instruments and Exchange Law. INDUS differentiates the business approach of professional investors named as 'Accredited Investor' and general investors named as 'Non-Accredited Investors'.

Responsibilities:

- Developed the application using **3 Tier Architecture** i.e. **Presentation, Business, and Data Integration layers** in accordance with the customer/client standards.
- Developed the common framework for the application using **Velocity, WebWork2** using **JDeveloper**.
- Created **Managed Beans** for handling JSP pages and include logic for processing of the data on the page.
- Created **service layer** for managing transactions and implemented services.
- Developed **Spring Service classes** to delegate the request from the presentation layer to the **Service/business layer**.
- Developed **Business Objects** in the business layer to include the business logic and access methods in the **Data Integration Layer**.
- Written **DAO** classes using **JDBC API/Hibernate** to interact with the **DB2, Oracle** database for create, update and delete operations.
- Written Web Services using **Axis** for internal/external system via **SOAP/HTTP** call.
- Used **Log4j framework** to log/track application.
- Interacted external systems in development and system/integration testing.
- Tested and implemented/deployed application on **WAS 6.1** server.
- Performed unit testing for each module, and prepared code documentation for future reference and upgrades.

Environment: **RSM 7.0, RAD 6.0, IBM WAS 6.0, J2SDK 1.5, JDBC, JSP, Servlets, ICE Faces, Spring, Hibernate, Data Transfer Object, and Data Access Object, XML, IBM DB2, Oracle, IMS, MQ, BPM, Linux, Windows XP, IntelliJ IDEA.**

Cisconsoft, Hyderabad

ROLE: Java Developer

Mar 2006 – Aug 2007

Project: On-line Accelerated Learning

The On-Line Accelerated Learning is a system for creating and automatically grading home-works, programming laboratories, and tests. Through the concept of a root question," On-line Accelerated Learning discourages collaboration and encourages the student to work a complete problem, rather than guessing or solving only the part of a problem needed to select among choices. The instructor has the option to or a hint or advice every time the student gets a wrong answer and the student may be allowed to try each question until getting it right. Excellent randomization features are implemented throughout the system.

Responsibilities:

- Developed the web interfaces using **AJAX, JSP, Servlets, XHTML, CSS and JavaScript**.
- Actively involved in designing and implementing **Business Delegate, Service Locator, and Singleton** design patterns.
- Used **Jakarta Struts Framework** rapid development and ease of maintenance.
- Used **JDBC** to invoke **Stored Procedures** and database connectivity to **Oracle**.
- Used **JUnit** Testing Framework for Unit Level Testing
- Participated in code review sessions with the architects to enhance and fine tune the performance of the site.
- Created and used **ANT** scripts for building the application.
- Used **Tortoise SVN** for version control.

- Developed Java Mail for Mail communication.

Environment: RAD, IBM WAS 6.1, JDBC, Struts, JSP, Servlets, XHTML, CSS, DHTML, JavaScript, AJAX, XML, JNDI, Tortoise SVN, Log4J, JUnit, Oracle, Windows XP.

Cisconsoft, Hyderabad

Oct 04 – Feb 06

ROLE: Software Engineer

Project: Project Tracking

Project Tracking and Management system provides a comprehensive feature set for Tracking and managing projects. The system allows from defining and maintaining projects, tasks and resources, timesheets (work done), issues and email notification to tracking any amount of time worked on a project. With authorized and role-based access to the system, different users with different types of roles perform different activities on the system. The system has intuitive and the user-friendly layout of screens making it very simple to use. It is completely a web-based system including administration.

Responsibilities:

- Performed analysis for the client requirements based on the developed detailed design documents.
- Developed **Use Cases, Class Diagrams**, Sequence Diagrams and Data Models using **Microsoft Visio**.
- Developed **Struts** forms and actions for validation of user request data and application functionality.
- Developed JSP's with **Struts** custom tags and implemented JavaScript validation of data.
- Developed programs for accessing the database using **JDBC** thin driver to execute queries, Prepared statements, Stored Procedures and to manipulate the data in the database
- Involved in developing business tier using stateless session bean.
- Used **JavaScript** for the web page validation and Struts Validator for server side validation
- Designing the database and coding of **SQL, PL/SQL**, Triggers and Views using **Oracle**
- Design patterns of Delegates, Data Transfer Objects and Data Access Objects.
- Involved in peer code reviews and performed integration testing of the modules.

Environment: Java 1.4, J2EE 1.3, Struts 1.0, JSP, ANT, XML, IBM Web Sphere Server, JUNIT, CVS, Java Mail 1.4, Microsoft Visio

EDUCATION AND CERTIFICATIONS

- Bachelor's of Technology in Computer Science and Engineering, Acharya Nagarjuna University – INDIA.
- Sun Certified Java Programmer (SCJP 1.4)
- Microsoft Certified .Net Framework – C# (070-526)
- Sun Certified Developer for Java Web services (SCDJWS)