# Ram Gutta

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**PROFESSIONAL EXPERIENCE:**

* Over **6 years** of extensive experience in Software Development Life Cycle (**SDLC**), Web Application Design, Development, Programming, Testing, Support Maintenance, and End-User support using core java, **java/J2E**E technologies with **Web Sphere** and **Web Logic** application servers.
* Helped, designed and developed a **Restful API** that provided account management capability as well as security role lookup and management for all downstream dependencies in the digital supply chain.
* Proficiency in developing secure enterprise Java applications using technologies such as **JSP, Servlets, JAVA Beans, C++, EJB, JMS, JNDI, JDBC, PHP, XML.**
* Experience in developing low latency front office financial application for traders using core java multi threading technologies.
* Proficient in Architecture, Installation, Setup and Configuration of IBM Web sphere MQ 7.0/7.5,TOMCAT 4.1/5.x/6.0, JBOSS 3.x,4.x,5.x,6.x
* Implemented various J2EE design patterns like **Service Locator, Session Façade, Data Access Objects (DAO), Factory, Singleton, Data Transfer Object (DTO), Service Oriented Architecture (SOA)** and **Business Delegate** in the development of Multi-Tier distributed Applications.
* Excellent knowledge in **OOPS (Object Oriented Programming Structure)**
* Worked on **Object oriented design and programming in C++, Java, Perl, Python, JavaScript**
* Good knowledge on **Object Oriented Programming in C++, C Programming, Advanced C, Unix Fundamentals**.
* Started as junior developer, on a large scale project. My tasks involved **backend development** using **java** with **spring framework**. MDA project (Model driven architecture, had tasks to model and develop new components. Also front end development using **ext JS.**
* Experience on Java multi threading, Collection, Interfaces, Synchronization, Exception Handling
* Worked on **AWS SDK** for services available through web browsers.
* Worked on AWS (Amazon Web Services) products.
* Worked on server side implementation using spring core, spring annotations navigation from presentation to other layers using Spring MVC and integrated spring with Hibernate using Hibernate template to implement persistent layer.
* Worked on **object-oriented design, analysis, and programming (OOA/OOD/OOP, UML**)
* Expertise in socket, collections, serialization, threads programming.
* Experience in writing unit test frameworks like **MOCKITO**, **JMOCK**, **Easy MOCK** using java proxy mechanism.
* Implemented request and response objects using SOAP web services and created routes using Apache camel.
* Experience in working with JBOSS EAP Command Line Interfaces.
* Experience in using the JavaScript frameworks JQUERY, Angular.js, Backbone.js, React.js, Node.js & Twitter Bootstrap.
* Expertise in various open source frameworks like **Struts 2, spring** and Object Relational Mapping Technology like **Hibernate**.
* Experience in modeling presentation tier using **StrutsMVC2** (Model-View-Controller) architecture.
* Experience in Developing application using Groovy, Grails GSP, GORM and Grails Plugins and Grails Rest Services
* Extensive experience with **JMS Pub/Sub** Environment.
* Avid participant in **Ruby** user groups in Chicago and Los Angeles
* Skilled in **Web Logic** Application server, **IBM Web Sphere** Application server and IBM **Web Sphere** Portals.
* Experience Developing application using Groovy, Grails, GSP, GORM and Grails Plugins and Grails Rest Services
* Experience with **JSF** (JSR 168).
* Performed objective assessment of the **SDLC** processes and capabilities to effectively mitigate risk and test a Point-Of-Sale/Service enterprise application
* **Full Software Development Life Cycle (SDLC**) experience including Analysis, Design and Review of Business and Software Requirement Specifications.
* Good experience in **Angular JS,** built application service layer using **Angular JS** Dependency Injection.
* Designed and developed the application using Java Server Faces (**JSF**) framework and **Spring** web flow.
* Developed and executed UnitTest cases using JUnit framework by supporting TDD (Test Driven   
  Development).
* Extensive development in **UNIX (AIX), Red Hat Linux, Windows NT/ 2000 / XP.**
* Knowledge in **Agile** software development process, test driven development and Object-oriented modeling UML, Object-Oriented analysis and design, developing Use Cases, Interaction Diagrams(Sequence and Activity), Class Diagrams, and Package Diagrams using **Rational Rose & Visio.**
* Designed and developed the REST based Microservices using the Spring Boot, Spring Data with JPA.
* Hands-on experience to SCRUM Agile model, XP Practices like Pair Programming and Test Driven Development (TDD).
* Created forms and web pages using **HTML5**, **CSS3** and **Bootstrap**.
* Developed **ANT** scripts in to build and deploy **J2EE** Applications.
* Trained development staff in **PHP, My SQL**
* Experience on working with AEM.
* Expertise on entire Software Development Life Cycle (SDLC) in Intranet and Internet applications using Web/Application Servers like **Tomcat**, **JBOSS**, **Web Sphere**, **Web Logic** and **Port lets** Application Server.
* Used GIT and GIT BASH combined with GIT LAB & GIT HUB for our code repository
* Extensive Knowledge on databases like **Oracle 9i/10g, DB2, No SQL** and **My SQL**. Experience in writing complex SQL Queries, Stored Procedures, Triggers, Cursors, and Functions.
* **SDLC** methodology followed was Rational Unified Process (RUP).
* Implemented a service based application built on top of the library.
* Experience in **SOAP, JAX-RPC, JAXB, JAXP (XML binding technologies), XML/XSLT** and **WSDL** using IBM-MQ (**messaging technology) series for developing Web Services.**
* Solicited requirements and developed custom components for internal customers in **Java, ASP, VB, XML/XSLT, and SOAP-based services.**
* Hands on experience working with the **UI technologies like HTML, JavaScript, JSF, JSP tag libraries**.
* Experience in design and developing applications based on Akka using ZeroMQ, written in scala and running on Linux.
* Experience with Web sphere portal server V5, […] […] V8.0 and having Strong Knowledge onWeb sphere application serverV6, V7, V8.
* Involved in the development of the batch applications using Spring batch framework and in monitoring and fixing the control-M scheduled jobs.
* Worked on Google web tool kit (GWT).
* Experience working with Solr for searching functionality.
* Sound Knowledge of **Bootstrap** Framework for Responsive Web Applications.
* Good working knowledge in version control tools like **CVS** and **Rational Clear Case (repositories).**
* Expertise in developing the **web portals** using **SOA**, **MVC** frameworks using **spring** and **Struts**.
* Worked with servers**IBM web sphere, web logic, JBOSS** and **Apache's Tomcat.**
* Designed and implemented the UI components using **EXTJS** for file storage and maps using Open layers. Implemented charting using High Charts and **j Query**.
* Working experience on reading synchronous **Multithreads** and event based programming.

**TECHNICAL SKILLS**:

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| --- | --- |
| **Programming Languages** | Java J2SE J2EE 5.0/6.0, JSP, SQL Server 2005, My SQL, Oracle, DB2. |
| **Operating Systems** | UNIX, Linux, Solaris, Windows 98/95/2000/XP. |
| **Testing Tools** | Load Runner, Win Runner, Test Director, Selenium Web Driver, Quality Center, Quick Test Pro |
| **Modeling Tools** | Rational 2000, MS Visio |
| **Versioning Tools** | CVS, VSS, Subversion, Harvest, PVCS, Clear case, Borland Star Team |
| **Frameworks** | Spring 2.x, 3.x, Hibernate 3.x |
| **Build Automation Tools**  **Configuration Management**  **Web Technologies** | Ant, Maven, CruiseControl.NET, TFS Team Build/MS Build  Visual Source Safe, Team Foundation Server  HTML5, XSL, XSLT, CSS3, JavaScript, JQuery, AJAX, XHTML, XML, JSON, Angular JS, Bootstrap, React js, GWT, Web Services, Red Hat Linux. |
| **Networking Protocols** | SMTP, POP3, IMAP, HTTP, NNTP, and FTP |
| **Database/RDMS**  **Application Servers**  **J2EE**  **Other Tools** | SQL Server 2008, T-SQL, Triggers, DML, DDL, Oracle 9i/10g/11i, MS Access, TOAD, PL/SQL Developer  JBoss 5.x, BEA Web Logic 10.3, IBM Web Sphere, Tomcat, IIS 6.0,JBoss Drools Rule Engine  Servlets, JSP, JDBC, OOAD, Java Mail, JMS, JNDI, WebServices, SOAP, Restful  Adobe Photoshop, Gimp, websphere portal server, Groovy, Grails, Mongo DB, scala, MS Office, SVN, SOLR, Firebug, TDD, OOA, Apache camel, Microservices, Chrome Developers Tool, Windows Movie Maker. |

**PROFESSIONAL EXPERIENCE:**

**CLIENT: JP MORGAN CHASE, DALLAS - TX**  **May 2015 – Present**

**ROLE: Sr.JAVA DEVELOPER**

**RESPONSIBILITIES:**

* Coordinate with all the teams to maintain knowledge on all **functional requirements** and ensure compliance to all architecture standards.
* Processed the data in **SAS** for the given requirement using **SAS** programming concepts.
* Developed and implemented all software models for all software systems and analyze all business requirements for all processes.
* Responsible for creating and maintaining the regular expressions used by the URL rewriting engine of Ovi Share that enabled **Restful** URLs for the website and its web services.
* Configured clustered JBOSS Environment (Horizontal/Vertical Scaling). Configured Multiple JBOSS instances on single server.
* Expertise in developing the applications using Core java concepts likes OOPS, Multithreading, Garbage Collections, Collection and Socket Programming etc.
* Expertise in setting up Database and MQ configurations in Tomcat and JBOSS.
* Worked with core Java technologies like Multi threading and Synchronization.
* Used **JSF** framework in developing user interfaces using **JSF UI** Components, Events and Listeners.
* Used Eclipse for writing code and SVN for version control.
* One of the programming lead in designing, implementing and maintaining the java application phases.
* Developed the technical strategy for **Spark** integrated with the Type safe Reactive Platform.
* All the Business logic in all the modules is written in Core Java.
* Analyzing application requirements, creating low level design and developing the proposed solution using core java.
* Expert in performance monitoring tools like AWS cloud watch and stack drive.
* Strong experience in development, and testing phases of software development life cycle using core java, J2EE.
* Design and implementation of business logic and data processing routes using Apache Camel.
* Used Subversion (SVN) to check in the code.
* Used Mongo DB as a persistent store and Apache Kafka as a messaging layer for custom framework and Amazon Web Services as cloud platform leveraging its services and EC2 Infrastructure.
* Implemented Grails Services and controllers to perform actions
* Experience in **HTML5/BACKBONE/MARIONETTE/ANGULAR/BOOTSTRAP/Ext JS**
* Invoked rest-core methods from the individual change appliers using Jersey-client library.
* Implemented Grails Services and controllers to perform actions.
* Implemented Grails TagLibs to avoid groovy code in GSP pages.
* Wrote client Side code using React js and used NPM & gulp directories to generate the server environments used browserfiy, flux to manage with targeted URL's (Uni-Directional data flows) and to monitor the application.
* Developed camel routes (java Specification) and integrate with different end services using the integration patterns provided by camel.
* Implemented the Page Builder theme for the Department of Correction Using web sphere portal server IV8.0.5.
* Worked on setting up AEM projects using Maven.
* Developed web applications in GWT, Spring, Hibernate.
* Implemented REST web service in Scala using Akka for CBPMAN log tracking application
* Worked on **spring** framework to design and develop the business services.
* Migrated Spring based application to cloud based Microservices.
* Involved in the Core development of the application infrastructure using Java, GWT.
* Built Websites using PHP**, XML, XSLT, JAVASCRIPT, HTML, AND SASS/LESS.**
* Designed and implemented an interpreter for a generic **object-oriented** language.
* Developing a BDD methodology using Spock integration with Jenkins to help tame Groovy REST development efforts.
* Designed, developed and tested the Websphere portal Application based on Model, View web sphere portal.
* Experience in TDD and Agile Development providing efficient solutions.
* Developed custom templates, components, widgets using AEM and integrated Components with Angular JS.
* Tested service and data access tier using Junit in TDD methodology.
* Good knowledge and working experience in Object Oriented Analysis (OOA) and Object Oriented Design (OOD)
* Designed and developed Java web services as part of team.  Our web services were built using Spring operating within Mule ESB.
* Implemented **Spring ORM** for integrating **Hibernate** ORM tool.
* Experienced best practices for integrating Microservices into existing system architecture.
* Created thin **PHP 5** layer on top of - database and build a command line interface for basic database functionality.
* Build a Web Console in **PHP 5** and **J Query** that connected to a **Restful** server using **JSON** as the data type exchange language.
* Developed a dynamic member login application and **web portal** using **Java Struts** 1.3 and 2.0 frameworks.
* Designed, developed and implemented a messaging module using java Messaging Service (JMS) point-to-point messaging and Message Driven Beans to listen to the messages in the queue for interactions with client ordering data.
* Created the Application using React.js and Node.js libraries NPM, gulp directories to generate desired view and flux to root the URL's properly.
* Responsible for the redesign and implementation of the AJAX / synchronous implementation of the client **Web portals** for **SOA Web applications**
* Design and development web-application for business reporting and systems monitoring and troubleshooting; using **J2EE, Tomcat, Sybase ASE, Sybase Replication Server, IBM MQ Java**.
* Efficient use of algorithms and their implementation in core java for lookup for DI Codes.
* Developed new screens to the application using **HTML5**, **CSS3**, **JSP**, **JavaScript** and **AJAX**.
* Designed and developed the front end using **HTML** and **JSP**
* Created a foundation for modularized **HTML**, **CSS** and java script which enabled migration of the existing UI from a home-grown **CSS-soup** to **Bootstrap**.
* Created **PHP/Ajax** schedule task list for mobile browsers
* Developing customer facing software for managing Websites using**, JAVASCRIPT / JQUERY, HANDLEBARS.JS, REQUIRE.JS, HIGHCHARTS, HTML, AND SASS**
* Prototyping new features and ideas –**PHOTOSHOP, HTML, SASS, AND D3.JS, Ext JS.**
* Wrote the initial two-day **Spark** training course we offer customers
* Worked with third-party services like **Content Manager on Demand** (CMOD) and **PDF BOX** tool.
* Strong experience of developing data models using **Hibernate POJO's**, configuring Hibernate persistence layer,
* Effective use of **hibernate (ORM tool)** in the business layer in communicating with the **Spring DAO** and also developed mapping files and **POJO java** classes using ORM tool.
* Provided support for four **ASP.NET** applications while guiding a rewrite in **Ruby** on **Rails**.
* Developed and supported **Ruby** on **Rails** applications for Chicago software consulting firm. Created and maintained custom content management systems using **Restful Rails.**
* Develop **UI** automation for **node.JS/angular JS/Ext JS**-based web applications using **Selenium** Web Driver, developed in node.js/JavaScript. Mapping java classes with database using Hibernate and in Hibernate query language (**HQL**).
* Strong knowledge of Object-Oriented software engineering methodologies, **Object-Oriented Analysis and Design, Design by Contract, UML.**
* Worked on **MVC** Architecture like **struts by using Web portals**.
* Configured local **Maven** repositories and multi-component Ant projects with Nexus repositories and scheduled projects in **Jenkins** for continuous integration.
* Built Java applications using **ANT** and **Maven** and deployed **JAVA/J2EE** applications through **Tomcat** Application servers.
* Designed and developed a **Restful API** for parsing out the country code on a mobile number, using Java and the Glass Fish web service framework.
* Used **Java Enterprise edition (Eclipse)** for development of Java and have hands on experience on it.
* Created batch framework by using spring boot batch.
* Used **IBM**-**DB2** to retrieve the data from and **Oracle 10g** has been used to safe the final results into the database.
* Created a light front-end framework against the **JSON API** for their service request portal using Backbone.js. Test-drove all front-end code using Jasmine.
* Utilized **Hibernate** for Object/Relational Mapping purposes for transparent persistence onto the Server database.
* Tested the application **JUNIT** and that was build using **Maven.**
* Used **J Unit framework** for Unit testing of application.
* Developed **WCM** Custom Components using **WCM** API
* Participated in development of a well responsive single page application using **Angular JS** framework, **JavaScript**, and **j Query** in conjunction with **HTML5, CSS3** standards, with front-end UI team
* Implemented applications with Scala along with Akka and Play framework
* Design, investigation and implementation of public facing websites on Amazon Web Services (**AWS**).
* Used Multithreading and collections to improve performance of application.
* Expertise in using **Dojo** and JavaScript in **Web Sphere** Portal and **WCM**.
* Worked on **Eclipse** for development and deployment of application in **Web Logic** Application Server.

**CLIENT: AIG, GREENSBORO - NC Jan 2014-May 2015**

**ROLE: Sr. JAVA DEVELOPER**

**Responsibilities:**

* Involved in requirements gathering and analysis from the existing system. Captured requirements using Use Cases and Sequence Diagrams.
* Developed the application using **Struts**, **Servlets** and **JSP** for the presentation layer along with **JavaScript** for the client side validations.
* Managed **maven** environment by setting up local, remote and central repositories with required configuration in maven configuration files.
* Refactored existing project to make it more **Restful** and thread-safe.
* Developed and used **JSP** custom tags in the web tier to dynamically generate web pages.   
  Worked with **Struts** (**MVC** Paradigm) components such as Action Mapping, Action class, Dispatch action class, Action Form bean.
* Worked on core java, using file operations to read system file (downloads) and to present on JSP.
* Designed **Restful, XML, XSLT and PHP** web service for handling **AJAX** requests.
* Used **spring** to manage beans to use windows session state framework to persist session to the database.
* Used **Spring IOC** and **MVC** for enhanced modules.
* Comprehensive fundamental understanding of AWS Cloud technologies
* Designed SOLR schema.xml, solrconfig.xml. Developed custom analyzers for different fields in the schema.
* Used Bootstrap and Angular.JS, React.js and Node.js in effective web design.
* Exposing and consuming the services to the downstream applications using Apache CXF and Apache camel.
* Used SVN as a version control system, an important component of Source Configuration Management (SCM).
* Implemented the UI using HTML and Java (compiled to javascript by GWT)
* Used CLI library as a best practice to achieve code optimization in groovy.
* Designed and implemented templates, components for website pages through AEM 6.0
* Consumed REST based Micro services with Rest template based on RESTful APIs.
* Implemented Grails Restful web services using Grails.
* Controller (MVC) architecture deployed on IBM web sphere portal /Application server.
* Tested Service and data access tier using JUnit in TDD methodology
* Optimized the full text search function by connecting to Mongo DB and Elastic search.
* Development of I limit monitoring system using core java technologies and Sybase as database.
* Implemented Grails Pagination to display data using Grails Templates and views.
* Worked with Apache Solr to create search engines and data management.
* Used **Maven** for build framework and Jenkins for continuous build system.
* Used AEM Developer tools for exporting and importing content to and from AEM repository.
* Developed project specific 'Deployment' job responsible to deploy Talend jar files on to the windows environment as a zip file, later, this zip file is unzipped and the files are again deployed to the unix box.
* Extensively used OOA, OOD, OOP Concepts, Exceptional Handling and Collections Framework
* Designed and developed Micro services business components using Spring Boot.
* Access from the mainframe to the distributed system was through socket programming.
* Worked with the **Ruby on Rails** & **Ember JS** frameworks for **full stack** web development.
* Implemented spring service layer with dependency wiring, transaction, **DAO** and annotations.
* Used **Hibernate** to do the object relational mapping between the tables and java objects.
* Responsible for continuous monitoring and managing Elastic Map Reduce cluster through AWS console.
* Developed web applications using Rational Application Developer (RAD) and deployed it in web sphere application server5.1
* Played a vital role in Scala/Akka framework for web based applications
* Developed Interactive web pages using **AJAX** and JavaScript.
* Developing application module coded on Spring Batch and Apache camel.
* Experience using and creating custom scripts and applications using the **AWS SDK** and/or CLI Tools. Experience in developing scripts using **Restful** API models for the purposes of integrating workflows with **AWS**.
* Deployed and tested the application with web server **Tomcat**, Web Sphere.
* Setting up Mule ESB for the development environment.
* Gather requirements and planning on integration of both SAS applications using Mule ESB.
* Used Grails command objects for validating non persistent objects
* Expertise in **Agile and Waterfall** Software Development Methodology including **Scrum** technology
* Experienced in using WSAD, RAD, RSA, Net Beans, **and Eclipse**IDE for Application development.
* Wrote Test Cases using **JUNIT** as a framework.
* Developed **GUI** using Front end technologies like **JSP, JSTL, AJAX, HTML, CSS** and **Java Script.**
* Developed a code for Web services using **XML**, **SOAP**, **PHP** and used **SOAP UI** tool for testing the services proficient in testing Web Pages functionalities and raising defects.
* Participated in Code Reviews for better quality assurance and Debugged the application Module.
* Deployed the application on **Web Logic** server.
* Developed the Web services using **SOA**.
* Experience using and creating custom scripts and applications using the **AWS SDK** and/or CLI Tools. Experience in developing scripts using **Restful** API models for the purposes of integrating workflows with **AWS**.
* Developed custom **Angular JS** directives to build custom reusable components to use across the application pages.
* Designed and Developed a Data Interface switch written in C/C++to convert dBase database calls into **Oracle ODBC** calls. This switch is used to connect to Oracle database from a dBase application.
* Implemented **JMS** in order to generate appointment logs.
* Used Java Messaging artifacts using **JMS** (MQ Series) for sending out automated notification emails to respective users of the application.
* Configured Web Sphere for messaging by defining Queue Destinations & Queue Connection Factories.
* Used **Bootstrap** to improve user experience.
* Used **Log4J** to print info, warning and error data on to the logs.

**CLIENT: PHILLIPS, HOUSTON Feb 2012- Jan 2014**

**ROLE: JAVA DEVELOPER**

**Responsibilities:**

* Created applications, connection pools, deployment of JSPs, Servlets, and EJBs in Web Sphere.
* Developed application service components and configured beans using Spring IoC, creation of Hibernate mapping files and generation of database schema.
* Designed and developed Enterprise Eligibility business objects and domain objects with Object Relational Mapping framework such as **Hibernate**.
* Develop innovative and quality solutions by making use of latest tools and technologies like Apache CXF, **Spring** Core, and **Spring** AOP.
* Developed **REST** architecture based web services using JAX-RS 2.0 to facilitate communication between client and servers.
* Engaged with Eclipse for visually designing, constructing, testing and deploying **J2EE** application and web services.
* Created Real-time Reporting systems and dashboards using **Adobe Flex**, **xml, MySQL** and **Perl**.
* Used Spring batch to execute batch programming.
* Interacted with QA Automation team and managers to nail down the technical problems.
* Developed JUnit test cases for all the developed modules.
* Coded Java backend, JSP, Struts, JavaScript, Business classes
* The UI is enriched with **JQuery** JavaScript library that facilitates dynamic and asynchronous screen manipulation and AJAX request.
* Developed the different components of application such as JSPs, Servlets, EJB's using Web Sphere Studio Application Developer and used CVS for version control.
* Developed a Filter View & back-end components with the **Spring** MVC, iBatis, JSTL, Dojo, JQuery, JSTL
* Was involved in writing JSPs, JavaScript and Servlets to generate dynamic web pages and web content.
* Developed pom.xml for the build of the application using **Maven**
* Involved in the design and development of application built in Java/J2EE using Struts, **Spring** and **Hibernate**.
* Developed Presentation layer components comprising of JSP, **AJAX**, Struts Action, Struts Form Beans and AJAX tag libraries.
* Optimized ExtJS themes and prepared performance applications.
* Used JavaScript for developing UI Components like Editable drop down, data-driven menu customizations.
* Configured JMS in the Web Sphere application server to send messages on the queue.
* Developed back-end stored procedures and triggers using Oracle PL/SQL, involved in database objects creation, performance tuning of stored procedures, and query plan.
* Developed SQL queries, Joins with JDBC API, **Hibernate** ORM to access data.
* Designed and implemented four Agile Scrum teams for product development.
* Developed the UML Use Cases, Activity, Sequence and Class diagrams using Rational Rose.
* Involved in writing services using EJB in **WSDL**.
* Involved developing re-usable web services using SOAP, XML, WSDL, XML Schemas, and JAXP.
* Prepared the **REST and SOAP** based service calls depending on the data passing to the web service.
* Developed DAOs (Data Access Object) using Hibernate as ORM to interact with Oracle database.
* Designed and developed Generate PDF functionality using **Spring** framework and iText.
* Used **Value Objects, Service Locator**and **Singleton**design patterns.
* Design and develop GUI and back-end components for analysis and collaboration software in Google Web Toolkit, **Java** and XML in a UNIX environment.

**CLIENT: UB GROUP, BANGALORE, INDIA Nov 2010-Jan 2012**

**ROLE: JAVA DEVELOPER**

**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 Valuator** for server side validation
* Designing the database and coding of **SQL**, **PL/SQL**, Triggers and Views using **IBMDB2**.
* Design patterns of Delegates, Data Transfer Objects and Data Access Objects.
* Developed Message Driven Beans for asynchronous processing of alerts.
* Used Clear case for source code control and **JUNIT** for unit testing.
* The networks are simulated in real-time using an ns3 network simulator modified for multithreading across multiple cores, which is implemented on generic Linux machine.
* Involved in peer code reviews and performed integration testing of the modules.

**EDUCATION:**

Masters in computer software Engineering from University of Houston-clearlake

Bachelor’s in Computer Science and Engineering (**B.Tech**) from Andhra University, Visakhapatnam.