

**Chandana**

**314-200-4410**

**chandana@ripemails.com**

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**PROFESSIONAL SUMMARY:**

**5+ years of overall IT experience in developing applications using Java/J2EE technologies and front-end web development experience, mainly focusing on Insurance, Finance, Healthcare and E-commerce industry.**

- Expertise in **Software Development Life Cycle (SDLC)** including **Software Architecture, Object Oriented programming, Designing and Prototyping**.
- Strong application development experience in using **Agile Software Development** and traditional software models like **Waterfall, BDD, and TDD**.
- Proficient in building **Web User Interface (UI)** using **HTML4/5, CSS3, JavaScript, jQuery, AngularJS, Node JS, Bootstrap3/4 and React JS framework**.
- Hands on experiences with Core Java with Multithreading, Concurrency, File Handling I/O Generics, Data Structures and Collections, Garbage Collection.
- Experience in java8 features like Parallel Streams, Lambdas, functional interfaces and filters.
- Experience in developing, deploying, and managing N - tier, server-centric J2EE enterprise class projects using **Eclipse IDE 3.x/4.x, My Eclipse 6.5, J2SE1.4 / 1.5 /1.6 (Java 2, Applets, Swing, JDBC 3.0, RMI), J2EE 1.5** Web application technologies (**Servlets 2.x, JSP 1.x/2.x, JSTL 1.2, JSF 1.x, JNDI**), Enterprise application technologies (**EJB 2.x/3.0, JMS**).
- Good experience on Design Patterns (J2EE) like Singleton, Factory, DAO, Session Facade, Front Controller, and Delegate Pattern.
- Experienced in developing messaging module by using **Spring JMS, Apache Camel and Rabbit MQ**.
- Experience in developing **Restful Webservices and Microservices** using **GoLang**.
- Experience in Spring framework (MVC/IOC/ORM/JDBC/AOP/BATCH/WEBFLOW / Context) and Struts (MVC,Architecture, Interceptors, Action Mappings and resource bundles).
- Experience in developing **Micro Services** using **Spring-Boot**.
- Experience in development and deployment of applications using JBoss, Web Logic Application Server, IBM WebSphere Application and Apache Tomcat.
- Experience in developing **SOAP** based Web Services using **Apache CXF and JAX-WS**.
- Expertise in implementing Web services development using **SOAP, REST, WSDL, and UDDI**.
- Proficient in **RDBMS** like **Oracle, DB2** and in **NoSQL** database like **Mongo DB**.
- Extensive experience in developing, configuring and deploying in WebSphere, WebLogic and Jboss.

- Extensive experience in cloud computing platforms like **AWS** (Amazon Web Services) and **PCF** (Pivotal Cloud Foundry).
- Working experience in multiple **IDEs** such as **IntelliJ, Eclipse, Atom, Web Storm, Sublime, Visual Studio Code**.
- Experienced in multiple version control tools like **SVN, GIT, TFS** and **Bit bucket**.
- Working experience in issue-tracking, bug-fixing system like **JIRA/MTM**.
- Quickly learn and master new technologies; ability to work independently and with teams.

### **TECHNICAL SKILLS:**

Java/J2EE	JSP 2.2, JSF 2.1, JDBC 3.0/4.0, Struts, Spring, Servlets 3.0, EJB 3.1, Java Beans, JMS 1.1, JSTL 1.2, MVC.
Frameworks	Apache Struts 1.2.x/2.x, Hibernate 3.0, Spring 2.x
Languages	Core Java, J2EE, C, C++, SQL, and PL/SQL, GoLang
Web Technologies	Angular JS Node JS, ReactJS, JavaScript, AJAX, Web XML, HTML, DHTML, CSS, AJAX, Bootstrap, JSON, jQuery, Backbone JS
Databases	DB2, MS Access, Oracle /8i/9i/10g, SQL Server 2005/2008/2010, MySQL, PL/SQL
Tools	Jenkins, JIRA, NetBeans, StarUML, Visio, Rational Rose, MS Project, Design Patterns, UML, RUP Agile, SCRUM, Waterfall, Maven, JIRA
Platforms	Windows, Linux, UNIX, MAC, DOS
Version Control	GIT, CVS, SVN
Testing	Selenium, JUnit, QTP
Web Services	REST, SOAP, WSDL, UDDI
Web/Application Servers	Apache Tomcat 7x, JBoss 5.0/6.0, WebSphere 5.1/6.1, WebLogic 10.x
SDLC	Initiation, Planning, Requirements Analysis, Design, Development, Integration, Test, Implementation, Operation, Maintenance

## **PROFESSIONAL EXPERIENCE:**

Centene Corporation – St. Louis, MO

**Nov2019-Present**

**Role:** Software Engineer

**Description:** Centene Corporation is HealthCare enterprise which provides health care services to various health plan across the country. Primarily provides services to Medicaid line of business's where Centene is largest provider for the programmer

### **Responsibilities:**

- Involved in implementation of procedures for gathering the requirements from clients for solution demonstrations.
- Developed new **Restful API** services that works as a middleware between our application and third-party API that we will used **Golang**.
- Experience writing data **APIs** ad multi-server applications to meet products needs using Golang.
- Experience in writing the **HTTP RESTful** Webservices and **SOAP API's** in **Golang**.
- Designed configurable **REST API's** on demand using Go.
- Integrated Jenkins to Git where the build triggers automatically when we push a pull request for **CI/CD**.
- Worked on **CI/CD** tool Jenkins to automate the build process from version control tool into testing and product environment.
- Containerized applications using **Docker**: created docker files, built docker images from microservices to run on kubernetes platform.
- Created docker image for microservices files to orchestrate applications using kubernetes.
- Proficiency in multiple databases like **MongoDB, MySQL**.
- Produced and Consumed **Restful Web Services** using **Postman Rest Clients, Swagger UI** to interact with different applications from third-party tools.
- Worked with Business users and stake holder for gathering business requirements and Convert the Business Requirements into Users Stories using **JIRA**.

**Environment:** Agile, HTML, CSS, Golang, JavaScript,JQuery,AJAX and Angular 2, XML, DAO, POJO, JPA,JAVA,Java8, Springs(IOC,AOP, JDBC) Frameworks, Spring Boot, Micro services, JSP, Hibernate Framework,, RESTful Web services, SOAP, Maven, WebSphere Application Server, Mongo DB,NoSql,Log4j,Jenkins,JIRA, Selenium Web Drivers, Protractor, GIT,Socket Programming.

**Webster Bank - Waterbury, CT**

**March 2017 – Oct 2019**

**Role:** Software Engineer

**Description:** Designed and developed a Spring MVC based web application which is internal to the employees. The employees use application to manage their HR related information like payroll management, request vacation and search for internal job postings.

### **Responsibilities:**

- Used **Spring Core** annotations for **Spring Dependency Injection, Spring MVC** for **Rest API's** and **Spring Boot** for **microservices**.
- Development of cloud hosted web applications and **REST APIs** using Spring Boot with embedded **Tomcat**.

- Developed **GSA, LSS and SDL** using **C++, Multi-threading and socket programming**.
- Deployed the application on **Amazon Web services (AWS)** and used it to provide a large computing capacity for scalable solutions.
- Deployed applications into Continuous integration environments like **Jenkins** to integrate and deploy code on CI environments for development testing.
- Implemented Rest based web service using **JAX-RS annotations, Jersey** provider implementation.
- Integrated **ActiveMQ and spring JMS API** to send and receive message for the application's **restful API**.
- Experience in design and development of **Web services, JAX-RPC, JAX-WS, RMI, JTA, JMS and XML, XSD, XSLT, X-Path**.
- Wrote build scripts using **Maven**.
- Developed the persistence layer using Hibernate Framework by configuring the 1:1/1:M/M:M mappings in **hibernate** files and created **DAO and POJO**.
- Experience in **NoSQL** database like **MongoDB** installation, configuration and in designing **MongoDB** multi-shared cluster and monitoring with MMS.
- Installed the **WebSphere MQ** and involved in configuring **MDB listeners, JMS resources**, and queues and integrating with the **WebSphere** Application Server.
- Configuring **WebSphere** Application Server on multiple platforms for both horizontal and vertical scaling for Workload Management.
- Experience in working with **NoSQL** Database like **MongoDB** to manage extremely large data sets.
- Used **log4j** to print the logging, debugging, warning, info statements.
- Implemented **Selenium Web Drivers** and **Protractor** For testing the UI components.
- Involved in setting up Test automation and developed **cucumber** feature files and used **Selenium** for automated testing with **TestNG**.

**Environment:** Agile, HTML, CSS, JavaScript, JQuery, AJAX and Angular 2, XML, DAO, POJO, JPA, JAVA, Java8, Springs(IOC, AOP, JDBC) Frameworks, Spring Boot, Micro services, JSP, Hibernate Framework,, RESTful Web services, SOAP, Maven, WebSphere Application Server, Mongo DB, NoSql, Log4j, Jenkins, JIRA, Selenium Web Drivers, Protractor, GIT, Socket Programming.

**Nationwide Insurance – Des Moines, IA**

**Jan 2016 – March 2017**

**Role:** Java Developer

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**Description:** Nationwide Insurance Company is well known for providing insurance and financial services in the United States. One of the Web Application CIQ involves the design and development of a Web based internet application to provide online insurance services. The web application provides functionalities such as Internet Insurance Quote for Customers and Agents. The customer can access complete account information, policy information, and receive instant auto insurance quote and report a claim

**Responsibilities:**

- Involved in Design and Development.
- Developed the application using **Agile** Methodology.

- Involved in writing the action classes and from beans for different modules using **Spring MVC**.
- Involved in developing the applications using Spring Framework for **Dependency Injection**.
- Involved in writing the validation rules classes for general sever side validations for implementing validation rules as per the design.
- Developed back-end logic with Core Java using technologies including **Collection Framework, Multi-Threading**.
- Worked on enhancements using **JSP, Struts, database** stored procedures and wrote **SQL queries**.
- Used **UI** components, **Angular JS** directives, controllers, view and routing, service modules, validations using **HTML5**, applying styles using **CSS**, used **JQuery** to make **Ajax** calls.
- Used **Amazon Web Services (AWS)** data store for storing the records, prescriptions, bills etc. and accessed them using AWS SDK for Java utilizing **NoSQL** queries.
- Created **SOAP** Web Services using **WSDL, XML and SOAP** for transferring data.
- Configured the deployment descriptors in **Hibernate** to achieve object relational mapping.
- Used **Hibernate** Cache for query to improve the application performance.
- Wrote backend scripts that performed maintenance tasks on the contract data using **JDBC**.
- Developed Stored **Procedures and Triggers** on **Oracle** Database.
- Deployed **AJAX** call for asynchronous data retrieval from back-end.
- Used **Maven** to build the J2EE application.
- Build & Deployment in **WebSphere** Application Server.
- Understanding server configuration and diagnose problems in a time sensitive manner.
- Code walk through, modules **integration and unit testing**.
- Fix problems discovered that are within the existing system functionality (Preventive Maintenance).
- Used **Log4j** for logging purposes.
- Designed use cases, sequence and class diagrams, activities, states, objects and components. Used UML (MS Visio) for software design.

**Environment:** Java 1.7, Servlets, JSP, JUNIT, Spring 2.5.6/3.0, Spring ORM, Spring Form tags, JSTL, Hibernate 3.0, Oracle 11g, Maven, Apache Tomcat Server, SOA, Eclipse IDE 3.7, Jasper, Log4J, Ajax, SOAP, PL/SQL, HTML, CSS, JavaScript, JQuery, Swing, JSON, SVN.

**Indosofttech - Hyderabad, India**

**July 2014 – Dec 2015**

**Role:** Java Developer

**Responsibilities:**

- Involved in all phases of the Software development life cycle (**SDLC**) using Agile Methodology, designed use case diagrams, class diagrams, and sequence diagrams as a part of Design Phase.
- Developed UI using **Swing, JSP, JSF, HTML, CSS, JavaScript, and JQuery**.
- Developed of **XML** files, **Schema's** and parsing them by using both **SAX** and **DOM** parser's.
- Designed and Developed **XSL** style sheets using **XSLT** to transform **XML** and display the information on the UI screens.

- Developed web applications using **Spring MVC, JQuery, HTML, Bootstrap** and worked on **Multithreading** and **Collections Framework** including **List, Map** etc. Added interactivity to the UI pages using **JavaScript**.
- Worked with Core Java technologies **Collections, Serialization, Generics, Annotations** and **Exception Handling** to implement Back-End Business Logic including Entity Beans and Session Beans.
- Configured **Spring security** in the application to secure the method calls and **RESTful** webservices.
- Implemented **JDBC API** for communicating with database layer.
- Responsible for installing **JBoss**, administering and support of staging, QA and Production environment and performed failover test. Deployed application in **JBoss** on **UNIX**.
- Coding using core java, **Servlets** and **JSP** using **Eclipse IDE**.
- Developed Request Handlers using **Servlets** as Controlling mechanism.
- Implemented **CORS** (Cross Origin Resource Sharing) using **Node JS** and developed **REST** services using **Node** and **Express, Mongoose** modules.
- Developed **Apache Camel** middleware routes, **JMS** endpoints, Spring service endpoints and used **Camel** free marker to customize **REST** responses.
- Used **Log4j** and **commons-logging** frameworks for logging the application flow.
- Used **Rational Clear Quest** for tracking the changes in the application.
- Involved in Unit Testing using **JUnit** and Integration of **Use Cases**.
- Used version tools like **SVN** for source code and project documents

**Environment:** Agile, HTML, CSS, JavaScript, JQuery, AJAX and Angular JS, XML, SWING, Nodejs, JSP, JAVA, Spring Frameworks, Hibernate , RESTful Web services, SOAP, Servlets, JBoss, JMS, Maven, ,Log4j, Jenkins, JIRA, Apache camel, SVN, ANT, Rational Clear Case.