## CHANDRA REDDY 🖂 :CHANDRA.SRDEV@GMAIL.COM

## JAVA UI DEVELOPER ✆ : (515)-518-0745

**Professional Summary:**

* Having 8 years of experience in Software Analysis, Design, Development, Implementation and Testing of Object Oriented Applications and Web based Enterprise Applications using Java/J2EE.
* Designed & developed several multi-tier **Web based, Standalone, Distributed, Client-Server** and **Multithreaded** applications using Object Oriented Analysis and Design (**OOAD**) concepts and Service Oriented Architecture (**SOA**) mostly in **cross-platform** environments.
* Experience in **Agile** software development process, **TDD** and **Scrum** methodologies and Part of **Scrum, Sprint review, Retrospection** and **Virtual Closure** meetings as part of **Agile.**
* Hands-on experience in developing front end using web technologies **like JSP, JavaScript, JSF, Custom Tag Libraries, HTML5, CSS3, DHTML, AJAX, jQuery, DOJO, Angular JS, React JS and Node JS.**
* Experience with **Angular 4, jQuery, Bootstrap, VBScript, Perl, AJAX, Adobe Flex, Action Script, JSON, HTML, XHTML, DHTML, Tiles.**
* Extensive experience in design and development of J2EE applications using **Core Java, Java collection, JDBC, Servlets 2.4/2.5/3.0, JSP 2.0/2.1/2.2, Struts 1.2/2.x, JSF, iBatis, JMS, JSF My Faces, JPA, JNDI, JSTL, JTA, JAX-WS, JAX\_RS, Spring 2.5/3.0/3.1** and **Hibernate 2.0/3.0/ 3.x.**
* Strong experience in **Spring Framework** modules such as **Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Dashboard, Spring Boot, Spring Microservices, Spring REST, Spring Eureka, Spring Ribbon, Spring Netflix, Spring Zuul Proxy.**
* Hands-on experience in **Microservices** developing **SOA (Service Oriented Architecture)** and **J2EE Web Services** based on **SOAP, WSDL, UDDI, JAX-WS, JAXB, JAX-RPC** using tools like **Apache Axis.**
* Hands-on experience in developing client-side, middle-tier and server-side components applying **Java/J2EE** design patterns and using frameworks: **Servlets, JSF, Struts, Spring, MDBS, MQ Series, Hibernate, iBATIS, JDBC, JPA, GWT, JSP, JMS, JSF, Custom Tag Library, POJO’s, JSTL, AJAX, JSON, JavaScript, XML and UML**
* Experience in **XML** technologies like **XML, DTD, XSL, XSLT, XPATH, JAXB, SAX and DOM** Parsers.
* Expert in employment of **Spring Kafka, camel** and **Zookeeper** apart from **JMS** as messaging service, implemented **Kafka** to load data on **Hadoop** File Systems, and move the same data to different data base systems.
* Implemented **Spark** and **Hadoop** Architecture and various components such as **Mesos, HDFS, YARN: Resource Manager, Node Manager, Kibana, Name Node** and **Data Node.**
* Extensive Experience in design patterns like **MVC, Builder pattern, Business Delegate, Session Façade, Front Controller, Singleton.**
* Experience with relational databases **Oracle 9i/10g/11g, SQL Server 2000/2005/2008, DB2, My SQL.**
* Experience with working on **NoSQL** Databases like **MongoDB, Mark Logic, Cassandra**.
* Extensive Experience in developing persistence layer applications based on **Object-Relational Mapping (ORM)** between Java and Database (Oracle) using **Hibernate**
* Experience with **Tomcat, Oracle WebLogic Server, JBoss, Apache HTTP Server** and **IBM WebSphere**.
* Proficient in **using Amazon Web Services (AWS) SQS, Lambda, Kinesis, EC2, Elastic Beanstalk, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, Amazon RDS, Elasti Cache, SNS, SQS, AMI.**
* Experience with **Docker**, leveraging **Linux** Containers and AMI's to create **Docker Images/ containers**.
* Having good experience with installation and configuration of **Kubernetes** and deployments in **Kubernetes**.
* Experience in creating rules using Business Rules Engines: **Drools a**nd **ILOG.**
* Expertise in unit testing with **Junit, Mockito,** integration testing and automation with **Selenium** and **CUCUMBER** and experienced with **Splunk** tool for production support.
* Experience providing training **to** development teams on how to track, plan and analyze using **JIRA,** knowledge on build tools **ANT, Maven, Gradle** and logging tool **Apache Log4j** and **CICD** tools **JENKINS, HUDSON.**
* Worked with Version Control Systems like **CVS, SVN** (Sub Version), **Git, GitHub, Clear Case**.

**Technical Skills:**

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| Programming Language | Java 1.7/1.8, SQL, PL/SQL, Scala 2.12.1 |
| Java/J2EE Technologies | Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, Swing, AWT, Applets, Multi-threading, Java Networking |
| Application/Web Servers | WebLogic, IBM WebSphere, JBoss, Tomcat, Bug tracking, Jenkins |
| Web Technologies | JSP, HTML5, CSS3, JavaScript, jQuery, AngularJS, Angular 2.0/4.0, TypeScript, Ajax, React JS, Node JS, Express JS, JSON, Swagger UI, XML |
| Framework | Struts 2.x/1.x, Spring 3.x/ 2.x, Hibernate 3.x, JSF 1.2/2.0, iBatis, Spring MVC |
| Database Server | Oracle 10g/11g, DB2, MongoDB, SQL server, MS Access and MySQL, Cassandra. |
| IDE | Eclipse, RAD, WSAD, NetBeans, IntelliJ |
| Web Services | REST, SOAP, JAX-WS, JAX-RPC, JAX-RS, WSDL, Axis2, Apache CXF |
| Version Control | GIT, CVS, SVN |
| Build Tools | ANT, Maven, Gradle |
| Methodologies | Agile, Scrum, Water-Fall, Rapid Application Development |
| O-R Mapping | Hibernate, Spring data, JPA |
| Cloud Environments | Azure, Pivotal Cloud Foundry, AWS, Netflix Eureka |
| Reporting Tools | Crystal Reports XI, Jasper Reports 6.0, SSRS 5.0 |

**PROFESSIONAL EXPERIENCE:**

**Client:** CaptureRX, San Antonio, TX June 2016 – till date

**Role**: Sr. Full-stack UI Developer

**Description:** CaptureRx, a healthcare IT company that currently serves more than 2,700 pharmacies and 500 hospitals and health centers in 45 states via a robust pharmacy network of more than 3,500 contracted locations of independent, national and regional pharmacies.

**Responsibilities:**

* Used **Agile** methodology throughout the software development lifecycle (SDLC).
* Developing web pages using **Angular4**.**0** Framework and worked with various Angular JS directives and services and Filters to build the Applications.
* Developed components to fetch the data from the back end using **AJAX** and **JQuery**.
* Developed the **Angular 4.0 components** which can be reused across all over the app.
* Created optimized graphic websites and application interfaces using **HTML5**, **CSS3**, and **Ext JS** framework.
* Used **NodeJS** architectural concepts like event loop, call backs and event emitters.
* Used **Spring Boot** to develop and deploy both **RESTful** web services and MVC applications.
* Developed **Microservices** based on RESTful API utilizing **Spring Boot** with **Spring MVC**.
* Deployed and Monitored **Micro Services** Using **Pivotal Cloud Foundry** (**PCF**) and managed Domains and Routes with the Cloud Foundry.
* Developed POCs for **Spring Cloud** with **Netflix Eureka** to create the discovery Server and the discovery service and clients.
* Implemented Java EE components using **Spring MVC**, **Spring IoC**, **Spring transactions** and **Spring Security** modules.
* Implemented secure authentication with LDAP **OAuth2** for generating tokens in the application using **Spring Security**.
* Used **Apache Kafka** (Message Queues) for reliable and asynchronous exchange of important information between multiple business applications.
* Used **Java8** Streams, Functional Interface, Predicates to make the application perform faster.
* Developed the Application Module using several design patterns like **Singleton**, **Factory**, **DAO**, **DTO**, **Business Delegate**, **Façade**, **prototype** and **Composite View**.
* Created custom single **yaml** for configuring multiple profiles in various environments.
* Implemented Dynamic batch feature for batch processing with **Spring batch**.
* Written **shell scripts** to copy output files to a different location after the output files are created from spring batch.
* Developed **Rest web services** using Jersey framework which produces **XML** and **JSON** to perform task which leverages both web and mobile applications.
* Implemented **Swagger** Configuration in Java Spring Boot for auto generating swagger JSON files for REST API calls.
* Configure and deploy the application on **IBM WebSphere7.0** application server.
* Implemented exception handling in Java Spring boot for REST API by making use of Exception Handler and Controller Advice annotations.
* Used **Hibernate** extensively to have Database access mechanism with complex queries through Hibernate Query and Criteria interfaces.
* Used Hibernate **Transaction Management**, **Hibernate Batch** Transactions, and **Hibernate cache** concepts.
* Installation and configuration of Oracle 11g database.
* Created database objects like Stored Procedures, Tables, Views, Sequences, Cursors, Packages and Triggers.
* Preparing **MongoDB** queries for reporting and analysing production data for various applications.
* Created **Docker** images and ran the Docker containers in various environments.
* Developed **Maven** scripts and developed builds using Maven and continuous integration servers like **Jenkins** and Used **Git** as Version Control System and **GitHub** as repository.
* Developed unit and integration tests for existing microservices using **JUnit**, **Mockito** environments for development and QA teams and Fixed defects identified during QA, UAT and Production.

**Environment:** Java 8, J2EE, Spring Boot, AJAX, JQuery, Angular 4, Microservices, Spring 4.1, Spring Cloud, Pivotal Cloud Foundry, Netflix Eureka, Hibernate 3.x, Spring Batch, Swagger, RESTful web services, MongoDB, Oracle 11g, IBM Websphere7.0, Docker, Maven, Jenkins, Kafka, Shell Scripts, Git, GitHub, JUnit, Mockito, SOAP UI, Log4j.

**Client:** BCBS Detroit, MI Mar 2014 – May 2016

**Role**: Sr. Java UI Developer

**Description:** Share IT is end to end Medicare solutions product developed by BCBS, FL. Share IT is responsible for establishing a Medicare platform to support claims processing, enrolment, billing and reconciliation within and outside the diamond system. It will also serve as a repository of previous proposals. Medicare enrolment is used to enroll member in Share IT.

**Responsibilities:**

* Involved in requirement analysis, design, development, testing of application using **Agile** methodology.
* Used **AWS** (Amazon Web Services) as a cloud platform to deploy the application.
* Leveraged **AWS** cloud services such as **EC2**, auto-scaling and **VPC** to build secure, highly scalable and flexible systems that handled expected and unexpected load bursts.
* Used **Amazon IAM** to grant fine-grained access to AWS resources to users. Also, managed roles and permissions of users to AWS account through IAM.
* Utilized **S3** buckets and **Glacier** for file storage and backup on AWS cloud.
* Utilized Amazon **Route53** to manage DNS zones and assign public DNS names to **Elastic Load** **Balancers**.
* Developed API for using **AWS Lambda** to manage the servers and run the code in the AWS.
* Developed Interactive web pages using **AngularJS**, **HTML5**, **CSS3** and **JavaScript**.
* Developed Single Page Application (SPA) using AngularJS Framework and injected generic services using **Angular2**.
* Used **NodeJS** (Express) to create API which can provide or consume JSON.
* Integrated the IoC container of **Spring** Framework to handle the creation of beans, dependency injection and transaction management.
* Used **Hibernate** ORM to integrate with business application with Oracle Database where Hibernate template is used to implement business logic. Created a XML configuration file for Hibernate Database connectivity.
* Experience with querying on data present in **Cassandra** cluster using **CQL** (**Cassandra Query Language**).
* Consumed Web Services by implementing Spring's REST support is to make the development of **RESTful** Webservices.
* Using **RabbitMQ** as a Message Oriented Middleware for integrating applications.
* Created **MULEESB** artifact and configured the MULE config files and deployed.
* Created **shell scripts** to deploy resource bundles on different environments.
* Used **Tomcat** Application server to deploy the application.
* Worked with **Git** Version control system to track various aspects of the project.
* Used **Maven** as build tool on Java projects for the development of build artifacts on the source code.
* Used **Log4j** logging framework to write Log messages with various levels for logging across the application.
* Created and managed a **Docker** deployment pipeline for custom application images in the cloud using **Jenkins**.
* Developed test cases using **JUnit** and **JMock** for unit testing as well as integration testing as part of **Test Driven Development(TDD).**
* Interacted with Business Analysts to come up with better implementation designs for the application. Provided production support for the application.
* Involved in testing, debugging, bugs fixing and documentation of the system.

**Environment:** Java 7, J2EE, Spring MVC 3.0, Hibernate 3.0, JSP, AngularJS, NodeJS, HTML5, CSS3, JavaScript, AWS (VPC, EC2, IAM, Route53, Lambda, Cloud Watch, ELB, S3), RESTful web services, Rabbit MQ, ESB, Tomcat 7.0, Shell Scripts, Git, Maven, Log4j, Cassandra, Oracle 11g, Docker, JUnit, JMock.

**Client:** Goldman Sachs, Jersey City, NJ Jan 2012 – Feb 2014

**Role:** Sr. Java/J2EE Full Stack Developer

**Description:** Project Apple is the acquisition and integration of GE Capital Bank’s online deposit platform into Goldman Sachs. The purpose of this project is to keep a continuous monitor on the activities of the account holders. Feed comes in from upstream (DWH), application process the feed and dumps in the data into multiple DB’s. application consist of various modules like, FRAUD UI, Feedback loop, Alert-Generation and Reporting

**Responsibilities:**

* Worked on **Agile** methodology including team-based design and code reviews.
* Actively involved in Requirement Analysis, designing, development and testing of the entire application.
* Developed the web interface using **HTML5, CSS3, JavaScript, JQuery, AngularJS, and Bootstrap.**
* Enhance and modify the presentation layer and GUI framework that are written using JSP and client-side validations done using JavaScript.
* Worked on the Common UI layout for defining the Header, Footer and Menu using **JSFF acelets**.
* Implemented navigation using **Spring MVC** controllers, configured controllers using Spring MVC annotations and configuration files.
* Implemented spring framework **Bean Factory** & **Application Context** for bean initialization and configurations.
* Used Web services - WSDL and SOAP for getting credit card information from third party.
* **Spring AOP** is used for logging, auditing, and security and transaction management to distinguish business logic from the crosscutting concerns.
* Used **Hibernate** as an ORM tool to interact with the database.
* Involved in development of POJO classes and writing **Hibernate query language(HQL)** queries.
* Asynchronous messaging is done using **JMS** and created **Queue** for point to point messaging.
* **Developed REST web services using Spring MVC to extract client related data from database and used SOAP UI for testing these RESTFUL API web services.**
* Implemented **Service Oriented Architecture(SOA)** by developing and consuming **RESTful** web services based on **JAX-RS** and **Jersey**.
* Designed and implemented Java Classes to use JAXP parser to create Java objects to be able to modify the data received in the response.
* Worked with **DB2** and Wrote SQL Queries, Stored Procedures, triggers, views and integrated SQL Queries into DAO.
* Built and configured MySQL databases for development and testing purposes
* Deployed the application on **Tomcat** Application Server, and used **Log4j** logging mechanism for logging.
* Used **SVN** for versioning and concurrent access to the project files.
* Used **Jenkins** for continuous ring framework artifacts and code build & deployment with **Maven**.
* Used **JIRA** for defect and issue tracking. integration/continuous deployment.
* Automated regression test cases using **Selenium**, and coordinated with testing team for timely release of product.

**Environment:** Java 6, J2EE, Spring MVC 3.0, Hibernate 3.0, HTML, CSS, JavaScript, React JS, JMS, SOAP, Axis2, Maven, Jenkins, DB2, MySQL, Selenium, Log4j, SVN, JIRA, Tomcat 6.0.

**Client:** Mercury Insurance Group, Los Angeles, CA Oct 2010 – Dec 2011

**Role:** Sr. Java/J2EE Developer

**Description:**The insurance based company provides insurance for car, homes Condo, business auto insurance etc. The developed application provides web based online insurance services. User can check on various insurance rates, get customer support, claim their insurance and have their personal account. Client can access their account information, track their insurance policies, claims and news on updated or new policies. Application also supports features for customer care services and internal reporting and log maintenance. The application had been developed using Struts framework along with hibernate and log4j.

**Responsibilities:**

* Involved in Software Development Life Cycle (SDLC) - design, coding, testing, and documentation using Rational Unified Process (RUP) for analysis and design of application.
* **Developed UI using HTML, JSF, jQuery and JavaScript, AJAX in few applications.**
* **Developed CSS sheets for developing user aesthetic UI components.**
* **Developed Web applications in MVC architecture using Spring framework.**
* **Implemented logging in the application using Spring Framework AOP module to know the application status. Used Spring DAO module for performing CRUD operations on database.**
* **Spring IoC design pattern to provide relation between application components. Separated application configuration and dependency specification from actual application code.**
* Developed **SOAP** Web service modules based on **SOA** architecture to consume services.
* Developed external applications using **Web Services** for delivering notifications.
* **Used JMS API to access the queues, read and write the messages for processing.**
* Worked on **JUnit** for creating test cases for all the Business Rules and the application code.
* **Experienced with setting up the basic project setup from scratch using Spring-Hibernate based design.**
* **Worked on JPA as persistence layer, involving EJB 3.1 annotations to synchronize with database through XML.**
* Deployed the application in **JBoss** Application Server.
* Responsible for **Oracle 10g** logical and physical databases design, implementation, and maintenance
* Used **ANT** scripts to fetch, build, and deploy application to development environment.
* Used **CVS** as version control.
* Interacted with application testers to review system defects and provided comprehensive fixes.

**Environment:** Java 6, J2EE, HTML, CSS, JSF, JavaScript, AJAX, SOAP, SOA, JMS, Hibernate, EJB, JBoss 6.0, Oracle 10g, Ant, CVS

**Client:** People Group, Mumbai, India Aug 2009 – Sep 2010

**Role:** Java/J2EE Developer

**Description:** The Payroll module is a freeware application, which uses Struts framework for Smart Switch Corporation. The module allows the user to add a new employee, his pay structure, generate pay slip, deductions, Income Tax calculations and other payroll activities. The user can also modify the pay structure with a user-friendly GUI and uses Hibernate for the back-end transactions.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle** (**SDLC**).
* Involved in developing the **CSS** sheets for the UI Components.
* Used **Rational Rose** for the Use Case Diagrams, Object Diagrams, Class Diagrams and Sequence Diagrams to represent the detailed design phase.
* Created **Servlets** which route submittals to appropriate **Enterprise JavaBean** (**EJB**) components and render retrieved information.
* Developed **Session Beans** to process requests from the user and used **entity beans** to retrieve and update customer information.
* Involved in writing the exception and validation classes using **Struts validation rules**.
* Used **Apache Axis** for consuming **Web Services**.
* Used **WebSphere Application Server** for deploying various components of application. Persistence layer was implemented using **Hibernate** Framework.
* Front-end is designed by using **HTML, CSS, JSP, Servlets, JSTL, Ajax and Struts**.
* Used **JavaScript** for the web page validation.
* Used **XML** with **SAX** parser to transfer data between applications.
* Written **ANT** scripts for building application artifacts.
* Monitored the **error logs** using **Log4J** and fixing the problems.
* Wrote **PL/SQL stored procedures**, **Prepared statement** and used **API**.
* Involved in writing and executing **stored procedures**, functions and triggers for **Oracle** **10g** to create a Database Management System.
* Used **Junit** for unit testing.
* Created Unit, Acceptance and Integration Test Documents and Code Review Documents.

**Environment:** J2EE, Java SDK, XML, SAX, JSP, JMS, HTML, JavaScript, Struts, Hibernate, Servlets, Eclipse, Web Services, JUnit, Unix, Ajax, EJB, RMI, JNI, WebSphere Application Server, PL/ SQL, ANT, CVS, Oracle 10g.