**Dinesh Chirra**

**PROFESSIONAL SUMMARY:**

* Information Technology professional with around 7 years of experience in Web Development, Enterprise Software development and complex Client/Server Implementation, Implementation of J2EE Technologies.
* Hands on experience in developing High Volume, Critical Enterprise wide systems using J2EE and Java Technologies.
* Experience with Object Oriented Design and Object Oriented Analysis, Complete System Life Cycle, UML and associated tools such as Rational Rose.
* Expertise in web development applications using Core Java, Servlets, JSP, EJBs (Session Bean, Entity Beans, JMS/MQ Series), JDBC, XML, XSD, XSLT, RMI, JNDI, Java Mail, XML Parsers (DOM and SAX), JAXP, JAXB, Java Beans etc.
* Strong expertise in designing and developing web pages using front end technologies such as HTML, CSS, JavaScript, JQuery, AngularJS, JSON and Bootstrap.
* Designed & developed the business components using Java 8, Java EE 7, RESTful API (JAX-RS) with REST Easy, spring, Hibernate, JPA, Servlets, JSP, JSTL, JavaBeans, Design Patterns, PL/SQL, XML, XSD, JSON technologies.
* Excellent experience in End to end application design and development using RESTful APIs, Micro-services, Spring Boot, Spring Cloud, HTML5, CSS3, Bootstrap and JQuery.
* Experienced in implementations of Service Oriented Architecture (SOA) using Java Web Services (SOAP, WSDL and UDDI)
* Extensive experience in front-end technologies like HTML5, CSS3, Java script, AJAX, JSP, JSTL, JQUERY and other java Script libraries
* Proficient in using java development IDEs like Eclipse, My Eclipse, Net Beans and RAD.
* Good Experience in implementing several object oriented design patterns such as Model View Controller (MVC) frameworks, Front Controller, Business Delegate, Session Facade, Service Locator, DAO, DTO, Singleton, Object Factory and Composite View.
* Expertise in implementing Service Oriented Architectures (SOA) using XML based Web Service such as SOAP, UDDI and WSDL.
* Extensive knowledge on Core Java technologies such as Multi-Threading, Exception Handling, Reflection, Collections, Singleton Objects, Java Internationalization, Swing components, Streams & File I/O.
* Strong in design and development of SOAP & Restful Web Services using WSDL, SOAP, JAX-WS, CXF, AXIS, JAX-RS, JERSEY and WS-Security.
* Experience in writing and executing unit test cases using JUnit Testing Framework
* Good working knowledge on SVN and GIT for code management and version control.
* Extensively used selenium web driver to test the web application and debugging individual test case.
* Experience as Software Engineer, with onsite and offshore teams, leading the development of Web applications using different application/web servers
* Excellent Client interaction skills and proven experience in working independently as well as in a team.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Languages : | Java, J2SE, J2EE, SQL and PL/SQL. |
| Technologies | JDBC, JPA, AJAX, Spring, JSP, Spring Boot, Servlets, GWT, EJB, JMS, Swing, JavaScript, DOJO, JSON |
| Mark upLanguages | HTML, CSS, DHTML, XHTML, XML, XSLT. |
| Web services Technologies :XML Schema, DTD, REST, SOAP, WSDL, SAAJ, JAX - RPC , DOM, SAX, XQuery, XPath, XSL, XSLT. | HTML, HTML5, JHTML, DHTML (Style Sheets), JSON, XML, CSS3, JavaScript, AJAX, JQuery |
| Application servers | WebLogic, Web Sphere, JBoss and Oracle. |
| Web Servers | Apache Tomcat. |
| Directory Server | Netscape LDAP, Oracle Internet Directory (OID). |
| Applications Frameworks | Struts 1.x, JSF and Spring MVC. |
| Databases | Oracle, MySQL and SQL Server. |
| Operating Systems | Windows 9X/NT/2000/XP, Linux and Solaris. |
| IDEs | Eclipse, NetBeans, My Eclipse, RAD. |
| Version Control Systems | ClearCase, CVS, Subversion, WinCVS, Tortoise CVS, Git |
| Tools Viewer. | Clarify CRM, Load Runner, Ant, JUnit, Log4J, DOM |
| SOA/Web Services: | WSDL, ESB, SOAP, SOA and Restful services. |

**PROFESSIONAL EXPERIENCE:**

**Client: CVS, NJ Jul 2016 - Current**

**Role: Java Developer**

**Responsibilities:**

* Practiced Agile methodology for Software development life cycle
* Interacted with product owners to gather project scope information.
* System design using various J2EE patterns like Iterator pattern, Adaptor Patten, Singleton Pattern, Business Delegate, Data Access Objects, Factory etc
* Application development and enhancement using spring.
* Developed User Interfaces using JavaScript and JavaScript frameworks such as AngularJS.
* RESTful Web Services with JAX-RS using Spring Boot and Micro Services Architecture.
* Created micro services to provide RESTful API utilizing Spring Boot with Spring MVC.
* Created REST API’s which returns the resources Worked on two-way, one-way data binding, built-in components and developed single page applications using Angular JS.
* Responsible in developing Spring Boot Microservices from scratch.
* Implemented the application using Spring IOC, Spring MVC, Spring Boot, Spring Security and Hibernate.
* Developed the Encryption Decryption program to secure sensitive dada like user account information.
* Developed
* for applications like Customer Hub, Billing System, and Tracking System.
* Used Hibernate (O/R Mapping), JDBC to access the database in order to verify the credit approval level for customer.
* All the functionality is implemented using Spring IO / Spring Boot and Hibernate ORM.
* Mainly responsible for developing RESTful API using Spring framework. Developed different controllers that return the response both in JSON and XML based on the request type.
* Worked on tools like Rally for bug tracking.
* Used SVN for version control and used eclipse as the IDE for developing the application.
* Experience with continuous integration Jenkins tool

**Environment:** Java, Spring MVC, Spring Boot, Chrome Developer Tools, Hibernate ,Restful Web services, JSON, Advanced Rest Client, Eclipse, HTML5, CSS3, AngularJS, JavaScript, JQuery, Restful API’s, Tomcat.

**Comerica, MI Jun 2014- Jul 2016**

**Java Developer**

**Responsibilities:**

* Part of Agile team developing the application using Agile Methodology.
* Designed and Developed portlets using JSR168/286
* Used Struts MVC pattern to maintain the Admin Portal.
* Involved in implementing export to excel functionality using Apache POI.
* Published Rest services for resources such as store, user, trait, department and category to get the information from database.
* Used spring framework, Spring-IOC, Spring-AOP, Spring-Boot, Spring-JDBC modules.
* Implemented bi-directional message communication between E-IoT Web App and the efficient Spring Boot API configured Gateway Controller using AWS IoT MQTT publisher/subscriber protocol
* Used spring framework features like IOC, MVC, AOP and Hibernate Template.
* Involved in developing business components and managed transactions using Spring declarative method.
* Designed the user interactive (UI) web pages using web technologies HTML, Java Script, AJAX, JQuery.
* Designed and Developed Web services using SOAP and REST API.
* Configured applications using Spring Boot and used Spring Security for authentication and authorization purposes.
* Designing and implementing scalable, RESTful and microservices-based back-end. The back-end is being written in Java using Spring Boot for simplicity and scalability.
* Used cucumber tool for creating test cases for the Business.
* Implemented DAO layer using Spring JDBC Template and Hibernate Template API.
* Used SQL, PL/SQL in constructing views, indexes, stored procedures relational database models.
* Extensively used oracle sql and used spring data for mapping repository.
* Responsible for the successful execution of Project Planning and Deployment cycles.
* Worked on tools like JIRA for bug tracking.
* Used Sonar to maintain quality of source code.
* Provided end to end support for the system and involved in coding and testing.

**Environment:** Java, J2EE, Spring, Servlet, JDBC, JavaScript, JQuery, Spring Boot. SOA, Struts, JAX-RS, Eclipse, SOAP, services, Hibernate, XML, Maven, JIRA, WebSphere Server.

**Allstate, TX Jun 2012 – May 2014 Role: Java/J2EE Developer**

**Responsibilities:**

* Estimation of work based on Agile methodology.
* Integrated three different vendors to a common platform using AJAX and implemented AJAX for server side validations, auto loading of data and to improve performance.
* Assist external developers with API integrations and ensuring adherence to RESTful standards
* Used Apache’s Jakarta STRUTS 1.1 as MVC framework for designing of the complete Web tier.
* Handled development and deployment of Session Beans (EJB) for each module to their respective instance of app server.
* Generated Class Diagrams, Sequence Diagrams with Microsoft Visio and RAD.
* Designed patterns implemented such as Singleton, Front Controller, Factory pattern, Data Access Object.
* Involved in writing and consuming Web Services using SOAP, WSDL, deployment, configuration and testing.
* Used Spring Core Annotations for Dependency Injection (Spring DI) and Spring MVC for REST API s and Spring Boot for micro-services.
* Used Spring Framework for Dependency Injection and integrated with Struts Framework and Hibernate.
* Implemented logging mechanism using log4j.
* Wrote SQL, PL/SQL and stored procedures as part of database interaction.
* Extensively used Hibernate for Object relational Mapping for data persistence.
* Unit testing, bug fixing in multiple environments (DEV/INT/CERT/PROD) and reproduce bugs for fixing and code review of individual modules in the application.
* Evaluate and implement Elasticsearch, with relevancy scoring distance. Utilized Spring Data Elasticsearch as well as REST API.
* Ensure that coding standards are maintained throughout the development process by all developers.
* Review proposed test cases with technical analysts, business analysts, developers and documentation staff to ensure understanding of system requirements from a QA perspective in order to achieve a high level of quality throughout this project.

## Environment: Java, JSP 2.0 Spring MVC, Servlets 2.4, Spring Boot, EJB, Struts, JavaScript, AJAX, Hibernate2.0, Web Services, WSDL, JavaBeans, WebSphere Application Server 6.0, Rational Application Developer (RAD 7.0), Oracle 10g, spring 2.5, SQL Developer, IBM-Clear Case

**Bank of America, TX 2011 Jun 2012 May**

**Software Developer**

**Responsibilities:**

* Involved in every stage of Project including, but not limited to Requirement Analysis Prototype Design using UML, JSP and Java
* Participated in the entire Software Development Life Cycle (SDLC) of projects using Object Oriented Analysis and Design (OOAD)
* Developed the application using Spring MVC framework with respect to Model View Controller (MVC 2.0) architecture.
* Developed and used custom tags for JSP's dynamic content display.
* Provided JUnit test cases for the application to support the Test Driven Development (TDD).
* Used Hibernate ORM module as an Object Relational mapping tool for back end operations over Oracle database.
* Provided Hibernate configuration file and mapping files.
* Provided Log4j support for the application for debugging the system.
* Provided ANT build tool for building and deploying the application.
* Managed source repository using CVS as version control tool.
* Design, develop, implement and UNIX shell scripts.
* Develop and debug SQL, PL/SQL scripts including in ORACLE 10g databases to perform various tasks.
* Actively participated in UAT and System testing. Maintained different documentation including Defect tracking sheet.
* Worked in different support activities when needed.

**Environment:** Java 1.6, JSP 1.2, Spring MVC 2.5, Hibernate, Ajax, Oracle 10g, ANT, Restful API’s,. Unix, HTML, DHTML, CSS, XML, SOAP, WSDL, JUnit, Eclipse

**EDUCATION:**

Bachelor in Computer & Science Engineering