**CHARAN B**

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**Professional Summary**

JAVA/J2EE Developer with over 5 years of software development experience in web based, multi-tier enterprise and interactive applications. Proven background of working with teams in stressful, deadline-oriented environments. Efficient team member with excellent work/time management skills, excellent leadership, communication and interpersonal skills and ability to work under strict deadlines. Experience and expertise includes:

* Various phases of the software development life cycle with Analysis, Design, Development, Integration, Testing, Implementation and Maintenance
* Java and J2EE technologies like Servlets, JSP, Struts, Hibernate, JPA, EJB, Spring, RESTful Services, JMS, SAX/DOM, XML, SOAP, WSDL, HTML, JavaScript, JQuery, AJAX, JUnit, MVC architecture, JSF, Java Beans and JSON
* Core Java technology including Multithreading, JDBC, RMI and Network programming
* Dashboard UI development using JavaScript libraries JavaScript, HTML, DHTML, XML, CSS, JavaScript, JQuery and AngularJS
* Experience in Amazon Web Services (Amazon EC2, Amazon S3, Amazon Simple DB)
* RDBMS using SQL, Oracle, MySQL, NoSQL and DB2
* Using IDE’s Eclipse, WebLogic Workspace, SQL Developer and Toad
* Web and application servers like Apache Tomcat, IBM WebSphere, WebLogic and JBoss
* Version control tools like Subversion, CVS and Git
* Working with caching mechanisms such as Gemfire and EHCache
* Analyzing and translating business requirements to technical designs and architecture
* Extreme Programming using Agile methodology with iterative and incremental software development
* Good knowledge on JFace, SWT frameworks and developing Rich Client Platform (RCP) Applications
* Developing JUnit Test Cases and capturing Defects
* Code debugging and bug fixing
* Working in a complex, multi-vendor, geographically diverse environment
* Working in a global team and with offsite onshore model

**TECHNICAL SKILLS**

* **Programming Languages:** Java, C, C++, UNIX, Shell Scripting, SQL
* **J2EE components:** JSP, Servlets, Java Beans, JPA, JDBC, JSON, JMS, Java Mail
* **Frameworks:** Hibernate, Struts, ANT, Spring (MVC, IOC, AOP, ORM), JUnit, Web Services, SOAP, SOA and RESTful
* **Web Technologies:** HTML, XML, JavaScript, JQuery, CSS, Bootstrap, AngularJS
* **App Servers/ Middleware:** Apache Tomcat, IBM WebSphere, JBoss, WebLogic
* **IDE/Build Tools:** Eclipse, NetBeans, Android Studio, SQL Developer, Toad
* **Databases:** Oracle, IBM DB2, NoSQL, MySQL
* **Operating Systems:** Windows, UNIX, Linux, iOS

**EXPERIENCE**

**AT&T, Richardson, TX Jan 2016 to Mar 2017**

**Java/J2EE Developer**

**Project: Online Customer Support System -** AT&T offers business to business online sales to their customers. Mostly IRU, CRU and TCM customers will use this application from their official website. Telecom Managers (TCM) are parties within an organization who operate, manage or control wireless program elements for a group of employees, a division, or an entire enterprise. Corporate Responsible Users (CRU) are employees who acquire/maintain AT&T equipment and service for which the company is financially responsible. Individual Responsible Users (IRU) are employees of companies who can purchase AT&T services at a discounted rate based on the contract negotiated between AT&T and the company. All these users will do same kind of operations like selecting devices, plans, accessories, payment and finally billing and shipping.

**Responsibilities:**

* Involved in extensive development of user interface and backend REST web services
* Developed REST Web Service using **Spring**
* Used Spring – **JDBC** for Database operations
* Worked with **Apache Maven** for handling various Spring dependencies
* Used Java, J2EE design patterns like **DAO, DTO** and **Singleton**
* Performed unit testing using **JUnit**
* Implemented secure authentication with **OAuth2** for generating tokens in the application using **Spring Security**
* Implemented AWS client API to interact with different services as Console configuration for **AWS EC2**
* Provided support on AWS application provisioning and maintenance tasks
* Developed interactive UI using **HTML**, **CSS** and **Bootstrap**
* Developed single page application using **AngularJS** by using **JSON** from the REST Web Service
* Used **NPM,** **Bower** for managing different libraries on User Interface
* Implemented various **Gulp** tasks which help in implementing User Interface
* Developed interactive offline version of the web application using the **PouchDB**, **IndexedDB** and Local Storage
* Implemented complex SQL stored procedures in **Oracle 12c**

**Environment:** JAVA, J2EE, Spring Framework, RESTful Web Services, Maven, JSTL, AWS, WebSphere, Oracle 12c, Servlets, XML, JUnit, HTML, JavaScript, JQuery, AJAX, AngularJS, Eclipse, NPM, Bower, Gulp

**Nationwide Insurance, Columbus, Ohio Jun 2015 to Dec 2015**

**Java Developer**

**Project: Auto Insurance Application** - This project involved the development of a Web based application where customers can access complete account information, view the status of the insurance claims and manage policies and profile. The customer has the benefit of online renewals and payment uploads.

**Responsibilities:**

* Used **Spring MVC** Framework to develop this application
* Used inheritance and method overloading, overriding to implement polymorphism
* Handled different exceptions by Java exception handling facility
* Designed the start page layout with the new UI’s in **JSP**s as per the project requirements using **Java Beans**
* Defined various object dependencies using **Spring DI** module
* Implemented Spring MVC architecture by separating the business logic from the presentation logic using **Struts** framework
* Implemented logging aspect using **Spring AOP** concepts
* Implemented various design patterns like **MVC**, **Factory**, **Singleton** and **UML**
* Implemented **Hibernate** (JPA) database persistence layer to communicate with Oracle
* Used **Hibernate DAO** Support to integrate Hibernate with Spring to access database
* Enhanced the application for multithreaded scenarios
* Deployed the application under **Apache Tomcat** application server and resolved the production issues during migration onto the production server
* Designed and implemented front end web pages using **CSS**, **HTML**, **JavaScript**, **JSP**, **JSF**, **XHTML** and **JSTL**
* Worked with the team in implementing the drag and drop functionality using **JQuery**
* Monitored error logs using **Log4j** and fixed the problems
* Worked on **JUnit** Framework for Test Driven Development

**Environment:** Java, JSP, JPA, Servlet, Spring, Hibernate, XML, JSF, HTML, CSS, Apache Tomcat, Oracle 10g, Eclipse IDE, SOAP Web service, JUnit, Log4j

**Abirami Financial Services (India) Ltd, Chennai Feb 2012 to May 2014**

**Java Developer**

**Project: Credit and Risk Management System** - CRM is a system used for processing business credit applications (Credit Proposals), analysis of business financial statements and the management of business relationships. It provides a high degree of automation and standardization to these processes, minimizes clerical effort, improves accuracy and provides the flexibility to support the simplest to the most complex business customers. It also allows for related correspondence documents to be prepared and maintained.

**Responsibilities:**

* Back end coding and development using Java Collections including Set, List, Map, Multithreading, Servlet, Action, Action Forms, Java Beans and Exception Handling etc.
* Used **JavaScript** for client-side validations and created UI with **HTML**, **CSS** & **JQuery** with **AngularJS**
* Used **Spring MVC** Framework and Achieved Dependency Injection using **Spring IOC** and was also involved in a development using **Django**
* Developed DAOs (Data Access Object) using **Hibernate** as ORM to interact with DBMS **Oracle 10g** and **DB2** database to access account information
* Involved in accessing information from the **Git** repository using **SQL**
* Used Hibernate Framework for **ORM** Mapping and created required mapping classes
* Web Services implemented using **Ext JS** framework for cross platforms
* Design Patterns like **Facade**, **Singleton** and **Factory Pattern** were used
* Implemented test cases using **JUnit**
* Ran performance tests to track the performance and reporting of the bugs in **JIRA**
* Supported in the testing phase using Selenium

**Environment:** Core Java, J2EE, Oracle 10g, DB2, Servlet, Tomcat, REST Web Services, Spring, Hibernate, Eclipse, Maven, JUnit, JQuery, AngularJS, Git, JIRA

**EDUCATION**

Masters in Computer Science

Texas A&M University