Deepak G

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# Professional Summary

* Around 5 years of experience in the IT industry with expertise in Software Analysis, Design, Development, Implementation and Testing of Object Oriented applications using Java and J2EE
* Experience working in Financial and Insurance Sector Domains.
* Well experienced in collaborating with onsite as well as offshore teams and coordinating with business to convert business requirements into technical specifications.
* Experienced in developing data-driven applications and working in test-driven environments using **Core Java** and **J2EE** technologies.
* Strong object oriented design and analysis experience.
* Practical knowledge of frameworks like **Spring, Struts, Hibernate**.
* Working experience in RDBMS like **MySQL, Oracle and SQL Server**.
* Well versed with consuming and producing **Web Services** like **SOAP** and **REST** working with data-exchange formats like **XML** and **JSON**.
* Working knowledge of Front End development technologies like **HTML, CSS, JavaScript, JSP**.
* Proficient in various technologies like **Servlets, EJB, JDBC, JMS, LOG4J, SLF4J and JUnit**.
* Hands-on experience working with source control tools such as **SVN** and **Git**.
* Experienced with build tools like **Maven** and **ANT**.
* Working experience of application servers like **WebLogic, WebSphere, Tomcat and JBoss**.
* Experienced in developing Multi-Threaded/Concurrent applications and Unix Shell Scripting.
* Worked with Agile and Waterfall Methodologies.
* Experience with programming languages like C and PHP.
* Comfortable working with **Windows and Linux** environments.
* Ability to adapt to new software applications and products, self-starter with excellent communication skills and understanding of business workflow.
* Extremely enthusiastic and a very good team player.

# Technical Skills

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| **Languages** | Java, C and PHP |
| **Enterprise Java** | J2EE, JSP, Servlets, EJB, JTA, JPA |
| **Frameworks/Libraries** | Spring, Hibernate, Struts |
| **Web Technologies** | HTML, CSS, JavaScript, jQuery |
| **Logging Tools** | LOG4J, SLFJ |
| **Application Server** | Apache Tomcat, WebLogic, WebSphere, JBoss |
| **Testing Tools** | FireBug, JUnit, Selenium |
| **Databases** | MySQL, Oracle, SQL Server, SQL |
| **IDE** | Eclipse, IntelliJ, NetBeans |
| **Build Tools** | Maven, ANT |
| **Version Control** | SVN, Git |
| **Design Patterns** | Singleton, Factory, Strategy |

# Professional Experience

**Wells Fargo, Charlotte, NC Jul 2016-Present**

**Java Developer**

Developed, maintained and supported a web-based Portfolio Management System for the business using Java and related tools. The project focused on tracking and servicing of wholesale loans and mitigation. It also tracked mitigation at an insurer/policy level, called frameworks, where an insurer has a policy, which can mitigate several loans. The application sent out email alerts for various scenarios encountered, maintained audit records of all changes. The project integrated a major component that handled the initial loan approval process for wholesale loans.

**Responsibilities:**

* Involved in understanding and analyzing the requirements and part of the process of designing the system.
* Worked with Agile and Waterfall Methodologies.
* Used Spring Tool Suite (Eclipse) with Vaadin Framework as the development environment.
* Implemented server side programs using **Servlets** and client side using **JSP**.
* Designed, developed and validated the User Interface using **Java and Vaadin** as per the requirements.
* Developed for MVC and MVP Pattern for the UI.
* Designed classes in backend to process various requests from front end to generate responses using **Servlets, Core Java and PL/SQL**.
* Used **DAO pattern** to fetch data from database using Hibernate to carry out various database transactions.
* Implemented logging using **Spring’s Aspect Oriented Programming** (AOP) concept.
* Used **Dependency Injection (DI) or Inversion of Control (IOC)** In order to develop code for obtaining bean references in spring framework using annotations.
* Used **Java Messaging Services (JMS)** **and Backend Messaging** for reliable and asynchronous exchange of information, marshalling and un-marshalling using **JAXB**
* Used **Hibernate** as the Object/Relational Mapping Framework to access and manipulate data from Oracle Database.
* Created views and stored procedures in Oracle Database.
* Widely used **Vaadin** for web based design.
* Developed under Test Driven Development environment.
* Performed Unit Testing using **JUnit** and basic functional testing with different data sets.
* Used **SVN** as the version control system.

**Environment:** Java, J2EE, Vaadin, JMS, Spring, Hibernate, LOG4J, SOAP, REST, Maven, CSS, Eclipse, SQL Developer, Pl/SQL, Oracle Database, Tomcat, SVN

**Fidelity Investments, Morristown, NJ Apr 2015-Jun 2016**

**Java Developer**

The project was related to the development and enhancement of an Intranet application for centralized access of the information system by the employees. The application needed to be enhanced to be more scalable and provide easier integration with other applications used by the company.

**Responsibilities:**

* Involved in understanding and analyzing the requirements and part of the process of designing the system.
* Worked with Agile Methodologies.
* Wrote and updated Technical Documents and Software Requirements Specification document.
* Implemented server side programs using **Servlets** and client side using **JSP**.
* Designed, developed and validated the User Interface using **HTML, JavaScript and CSS** as per the requirements.
* Developed the **Controller Servlet** for database access.
* Designed classes in backend to process various requests from front end to generate responses using **Servlets, Core Java and PL/SQL**.
* Used **DAO pattern** to fetch data from database using Hibernate to carry out various database transactions.
* Implemented logging using **Spring's Aspect Oriented Programming** (AOP) concept.
* Used **Dependency Injection (DI) or Inversion of Control (IOC)** In order to develop code for obtaining bean references in spring framework using annotations.
* Used Unix commands to go through the server logs and identify the issues
* Used **Java Messaging Services (JMS)** **and Backend Messaging** for reliable and asynchronous exchange of information, marshalling and un-marshalling using **JAXB**
* Used **Hibernate** as the Object/Relational Mapping Framework to access and manipulate data from Oracle Database.
* Created views and stored procedures in Oracle Database.
* Widely used **HTML** for web based design.
* Working knowledge by passing the AJAX, XML, Http Requests to server and populating in cases to JSON.
* Performed Unit Testing using **JUnit** and basic functional testing with different data sets.
* Used **SVN** as the version control system.

**Environment:** Java, J2EE, JSP, Servlets, Spring, Hibernate, LOG4J, REST, Maven, HTML, CSS, JavaScript, Eclipse, Pl/SQL, Oracle Database, Tomcat, Linux, SVN

**TD Ameritrade, Jersey City, NJ Sep 2014-Apr 2015**

**Java/J2EE Developer**

The project mainly dealt with maintaining inter-departmental relationships. The application assisted the company by determining the level of customer engagement to identify those that are appropriate for an upsell, needed help or those in trials that are ready to purchase.

**Responsibilities:**

* Experience with Agile Methodologies.
* Reviewed the functional, non-functional requirements and high level designs.
* Converted from **Struts MVC to Spring MVC** to make the application more reusable and robust.
* Worked in developing application using **Spring Core, JDBC and DAO** layers to offer abstraction for the business from the database related code.
* Used **Spring Beans** to encapsulate business logic through **Spring IOC Dependency Injections** and implemented web flow of the application using **Spring MVC**.
* Developed persistent classes, including association, inheritance, polymorphism, composition and the Java collections framework.
* Utilized various design patterns in the process including **Singleton, Factory, DAO, Model View Controller and Command Design Pattern**.
* Worked extensively in the backend **Oracle database**.
* Produced **SOAP** web service using **Apache AXIS** and generated **WSDL** files for the service that served XML data.
* Used **JDBC** to interact with the **Oracle Database**.
* Performed **Unit Testing** using **JUnit**.
* Focused on **Test Driven Development** and created **JUnit** tests for every functionality before writing the functionality.
* Inspected and debugged front-end code with **FireBug**.
* Used **Apache Maven** for project build management. Created JAR, WAR, EAR & dependency JARS.
* Worked closely with the QA team and fixed QA bugs as well as production issues with a quick turnaround time.

**Environment:** Java/J2EE, EJB, Maven, SOAP, Apache AXIS, Struts, Spring, JDBC, Oracle Database, XML, Eclipse IDE, HTML, CSS, JavaScript, Tomcat, FireBug

**Broadridge Financial Solutions, New York, NY Feb 2014-Aug 2014**

**Java/J2EE Developer**

The project was to migrate from the legacy system to a new integrated system that will serve all the clients and participants of the system. This system was part of the Credit Risk Management used to evaluate the credit risk of a portfolio. The system approves applicants that meet membership standards, monitors that clients remain in the compliance with these standards and timely reporting of potential deterioration of clients’ credit quality.

**Responsibilities:**

* Worked in Agile Methodology.
* Involved in understanding and analyzing the requirements and part of the process of designing the system.
* Developed and deployed Java/J2EE based applications.
* Developed **Spring controller** classes for forms and performed URL and view mapping using the **Spring MVC Framework**. Also developed validators to implement server side validation of input date.
* Developed clean, independent beans using **Dependency Injection** mechanism of Spring to ease the process of unit testing and integration.
* Implemented **Servlet Filters** to implement user authorization and other functions.
* Developed **DAOs (Data Access Objects)** to access data from the Oracle Server Database using **Hibernate** as the Object Relational Mapping tool.
* Used DAO pattern to send input parameters and fetch data from database using Hibernate to perform various database specific operations.
* Implemented **Aspects using Spring AOP Framework** for logging and other functions.
* Implemented logging functionality using **Log4J** and **SLF4J**.
* Developed front end/user interface by extensively using **HTML, CSS, JSP, JSTL, AJAX, JQuery, JavaScript, JSON and XML.**
* Consumed **REST/SOAP** Web Services and used **JAX-B** for parsing them.
* Used **JMS** to send and receive messages from the MQ.
* Implemented **Message Driven Beans (MDB)** to consume and parse the MQ messages received and insert the data into the database.
* Scheduled different tasks using the **Java Timer** and implemented it using **Java Threads**.
* Wrote **JUnit** test cases for asserting functions and **SoapUI** for testing Web Services
* **Git** was used as the version control system

**Environment:** Java/J2EE, Spring, Hibernate, Maven, LOG4J, SLF4J, JSP, HTML, CSS, JSP, XML, AJAX, JQuery, JavaScript, JSON, REST and SOAP-Web Service, JAX-B, JMS, MDB, JUnit, SOAPUI, Git, WebSphere

**Envative, Rochester, NY Nov 2011-Jan 2014**

**Java Developer**

The project was to develop an Android app to better serve all the clients and participants of a Decision Support System. The DSS used ArcGIS maps and geographic information for a regional district to provide more meaningful data for participants. This DSS provided agricultural and geological data sets to help farmers make more informed decisions for crop plantations and more accurate farming cycles. This project integrated the Android app with ArcGIS maps for smarter display of geological data and allowed participants to perform ETL operations using the app.

**Responsibilities:**

* Involved in understanding and analyzing the functional and non-functional requirements of the project.
* Worked with **Waterfall methodology.**
* Used **Eclipse with Android Developer Tools** as the development environment.
* Integrated **ArcGIS Android SDK** to provide mapping and geocoding functionality.
* Designed and developed the user interface using **Java, HTML and XML**.
* Used **JSON** parsing to perform Validation.
* Implemented using the **MVC design pattern**.
* Used **JDBC t**o interact with the underlying **MySQL Database**.
* Integrate ArcGIS and DSS to visually represent data sets.
* Performed various **Software Tests** such as Unit, Integration, System and Component Interface.
* Used Eclipse debugger for any logging purposes during the development of the application.

**Environment:** Java, JDBC, HTML, CSS, XML, JSON, Apache Tomcat, MySQL, PHP, Eclipse, Android SDK, ArcGIS Android SDK and Windows Server 2008

# Education

**Bachelor’s in Computer Science**