**Sandeep Veeravaballi**

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**Professional Summary**

* **7 Years** of experience in designing, implementing and deploying commercial enterprise application for multi-tiered distributed products, Web Application Development, Programming, Testing, Support Maintenance, and distributed application using Java/J2EE technologies.
* Worked in **Agile** environments and used Agile methodologies such as **Scrum** and **Extreme Programming (XP)** in the **SDLC** process and TDD(Test Driven Development).
* Expertise in Java Technology **(J2SE and J2EE)** with a strong foundation of object oriented principles and Agile Environments.
* Expertise includes bash and python scripting with focus on DevOps tools, CI/CD Architecture and hands-on Engineering.
* Experience in automating build platforms/continous integration using DevOps architecture.
* Proficiency in core java concepts like **Multithreading, Exception handling, JDBC** etc.
* Well versed with **Servlets, JSP, JavaScript, JNDI, MVC, Struts, EJB, Java Mail, XML, Tag Libraries, Custom Tags, HTML**, Design Patterns.
* Expertise in domains like Banking, Financial Services, Health Care Insurance etc.
* Proficient in using Relational Databases like **Oracle, SQL Server and My-SQL**, creating stored procedures, triggers, functions, schema design byusing **JDBC** and **Hibernate**.
* Strong knowledge in developing Web Applications by using – **H**T**ML**, **DHTML**, CSS, XML, UML, JavaScript, **JQuery**, **AJAX**, **Angular JS**, **Node JS,** **Hibernate**, J2EE (JSP, JSTL, JMS, Servlets , JDBC, JNDI, RMI, Java Beans, LDAP, Struts, EJB).
* Used popular **Node.js** frameworks like Express and Restify to mock a Restful API
* Good understanding of REST API's; extensive experience of integrating services via Ajax using JavaScript, jQuery, Angular.js.
* Experience in providing **support** to Integration, middleware, DBA, development teams for issues related to system. Provide technical Support for day-to-day operations and manage assets & Helpdesk activities including remote assistance to clients.
* Experience in designed, built, and deployed a multitude applications utilizing almost all the **AWS stack**, EC2, R53, S3, RDS, Dynamo DB and EMR), focusing on high-availability, fault tolerance, and auto-scaling.
* Good experience in **Amazon Web Services (AWS)** environment and good knowledge of **AWS** services likeDynamo DB, S3, Elastic Compute Cloud(EC2), Elastic Load-balancers, Elastic Container Service (Docker Containers), Cloud Front, RDS, DMS, VPC, Route53, Cloud Watch, Cloud Trail, IAM.
* Hands on experience in developing **Spring** framework based web applications by using principles of **IOC** (Inversion of Control) and **AOP** (Aspect Oriented Programming).
* Experience with multiple Servers like **Apache Tomcat**, **IBM Web Sphere**, **Weblogic**, **GlassFish** and **JBoss** in my projects and successfully deployed and compiled many of the applications on them.
* Good experience in unit testing framework- **JUnit and Mockito.**
* Strong skills in developing web services using **SOAP/REST** by means of **JERSEY** implementation and good knowledge on data evaluation and transformation using Shell scripting.
* Expertise in **Unit testing** and generating Test cases for web application.
* Good Understanding in **Linux** operating systems.
* Hands on experience in deployment and release of the application with **ANT/Maven** building tool, test cases using **JUnit** and application logging with **Log4j**.
* Strong in developing use case, sequence diagrams and preliminary class diagrams for the system using UML, Microsoft Visio and Rational Rose.
* Knowledge on continuous integration and build tool **Jenkins**.
* Understanding of **UNIX Shell script** programming.
* Proficiency in Implementation of the version control software **VSS, CVS, SVN and Clear Case.**
* Highly motivated and capable of working both individually and in a fast group environment and proven communication, presentation Skills and Leadership Qualities.

**Technical skills**

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| --- | --- |
| Languages | C, C++, Java 4/5/6/7, Java EE 1.4/1.5/1.6, SQL and PL/SQL |
| Java Technologies | J2EE, Servlets, JSP, JSF, JDBC , JNDI, JMS, JSF, EJB, Struts, Spring, Hibernate, JUnit, Swing, XML, XSLT, UDDI, Web Services |
| Web Technology | AWS, AWS (Dynamo DB, RedShift, Kinesis), EC2, S3, Elastic Beanstalk(EBS), HTML, XML, HTML5,CSS, CSS3, JavaScript, JSP, JQuery, AJAX, MVC, Node JS, AngularJS |
| Databases | MYSQL, SQL Server 2005/2008,ORACLE 9i/10g/11g/12c, Selenium, Sybase 12.5, DB2 |
| Web/App Servers | Tomcat 6.x/7.x/8.x, Web Logic, Web Sphere, JBoss4 and Glassfish |
| IDE/Tools | RAD 7.5, Net Beans, Eclipse and IntelliJ IDEA |
| Operating system | Windows XP/Vista/7/8/8.1/10, UNIX, Linux |
| Protocols | TCP/IP,FTP,SFTP,SCP |
| Frameworks & Tools | Struts, Spring, MVC, Hibernate, Junit, TDD, Easy Mock, AJAX |
| Design & Modeling | UML, Design Patterns, Microsoft Visio, Rational Rose, Agile SCRUM |
| Version Control Tools | CVS,SVN, GIT |

**professional experience**

**Client:Career Educational Corporation, Schaumburg, IL Feb 2015 – Present**

**Sr. Full Stack developer**

Career Education Corporation is an educational services company committed to providing quality, Career Education holds entire website for educational institutions like AIU,CTU and more Universities. I was responsible for analyzing, design, code, implement, and document systems of a highly technical nature required to support the various application areas supported by Career Educational Services . I have provided support and direction to the application areas with regard to Enterprise Application Development solutions with a strong alignment of the technical architectures, architecture frameworks.

**Responsibilities:**

* Involved in gathering the requirement and analysis phase from the business client, under agile environment.
* Developed and supported the Software Release Management and procedures.
* Performed all necessary day-to-day Subversion support for different projects.
* Created the branches in Subversion to implement the parallel development process to support quarterly releases.
* Worked on and in a position to run Agile projects for a DevOps team to deliver critical functionality to a cloud based service
* Created and maintained various DevOps related tools for the team such as provisioning scripts, deployment tools, and development and staging environments on AWS, RackSpace and Cloud.
* DevOps for load balanced environments & Multi-regional server environments (AWS Regional nodes managed via Chef Roles and Ohai Attributes)
* Worked on creation of puppet manifest files to install tomcat instances and to manage configuration files for multiple applications.
* Used **Executor Service** and **Thread Pool Executor** for multi-threading and thread resource pooling.
* Participated actively in the functional, technical design and development of the application.
* Developed applications and added new features to existing ones using the **Spring Framework** on **STS**.
* Created and modified several **UNIX shell Scripts** according to the changing needs of the project and client requirements.
* Managing a team of DevOps engineer for infrastructure support on AWS cloud. Creating cloudformation scripts for hosting software on AWS cloud. Automating the installation of softwares through powershell scripts
* Build, configured and support Application team environments.
* Worked on Zabbix monitor tool setup for monitoring our applications and Linux vm's.
* Hands on experience in developing applications based on **Struts** and **MVC** architecture using **Inversion of Control (IOC)** and **Dependency Injection**.
* Extensively used **bootstrap** and **HTML 5**, **Angular JS.**
* Developed **PL/SQL triggers**and**master tables** for automatic creation of primary keys.
* Recognized participating pages and navigation paths and used **Spring Frameworks** to handle the pages by developing actions and create classes.
* Involved in Implementation of Java **Multi**-**Threaded** process responsible for ensuring **concurrent** processing of the Jobs.
* Created **PL/SQL scripts** to extract the data from the operational database into simple flat text files using **UTL\_FILE** package.
* Created Buckets in **AWS** and stored files. Enabled Versioning and security for files stored.
* Experience in Implementing Continuous Delivery pipeline with Docker, Maven, Ant, Jenkins and **AWS**.
* Worked on setting up the life cycle policies to back the data from AWS S3 to AWS Glacier, Worked with various **AWS,** EC2 and S3 CLI tools.
* Used **JNDI** to perform lookup services and **Hibernate** with **Spring**.
* Wrote **DDL** and **DML** files to create and manipulate tables in the database
* Wrote **HQL** and **SQL** scripts to configure **Spring** with the database.
* Developed **Servlets**, **JSP**, **Entity Beans** and also reusable-components in java using **Swing** components.
* Used **JavaScript** for the client side validation.
* Developed **XML** and **XSLT** pages to store and present data to the user using parsers.
* JUnit was used for unit testing and implementing **Test Driven Development (TDD)** methodology.
* Used **JBoss** as a web server to deploy **WAR** files.
* Developed database Stored Procedures and Functions.
* Conducted one on one and **group training sessions** with **end users** on the new features of the system and getting their feedback on the changes, incorporating their feedback and priorities in the projects tasks**.**

**Environment:** Java 1.8, J2EE, DevOps, Servlets, JSP, Rational Rose, **AWS**, JDBC, Hibernate, Spring Config, Spring Framework, Webservices (Restful/SOAP), Puppet, Chef, Find Bugs, Cobertura, Zabbix, Jersey, JBoss, Struts, Junit, XML ,Pl/SQL, SQL, Log4j, Eclipse, Clear Case, Oracle 11g, ANT, Maven, TDD, UNIX, Angular JS

**Client:BBVA COMPASS , Birmingham, AL Jan 2014 – Feb 2015**

**Sr. Application Developer**

BBVA Compass is a leading U.S. banking franchise with operations throughout the Sunbelt region and it ranks among the top 25 largest U.S. commercial banks based on deposit market share. I was involved in Custom-in-House settlement application which is a web-based application for BBVA Compass Banking Service customers to manage their globally distributed team, and provides advanced features as functional consolidation, customizable roles, web services integration, order management, single-sign on, seamless interface and data flexibility.

**Responsibilities:**

* Actively participated in all the phases of **SDLC** including Requirements Collection, Design & Analysis of the Customer Specifications, Development and Customization of the application.
* Successfully delivered design and code using Scrum methodology in **Agile** environment.
* Primarily focused on the **Spring** components such as Dispatcher Servlets, Controllers, Model and View Objects, View Resolver.
* Used PowerShell for DevOps in Windows-based systems.
* **Designed, implemented** and **tuned** interfaces and batch jobs using **PL/SQL**.
* Involved in writing java API for Amazon Lambda to manage some of the **AWS** services.
* Experience in Integration of Amazon Web Services (**AWS**) with other applications infrastructure.
* Object storage service Amazon S3 is used to store and retrieve media files such as images and Amazon Cloud Watch is used to monitor the application and to store the logging information.
* Involved in writing java API for Amazon Lambda to manage some of the AWS services.
* Developed the Login, Policy and Claims Screens for customers using **AJAX**, **JSP**, **HTML**, **CSS**, **JavaScript** and **Struts**.
* Wrote Unix Shell Scripts to process the files on daily basis like renaming the file, extracting date from the file, unzipping the file.
* Implemented **Spring MVC** architecture and **Spring Bean** Factory using **IOC**, **AOP** concepts.
* Wrote conversion scripts using **SQL, PL/SQL, stored procedures, functions**and**packages** to migrate data from SQL server database to Oracle database.
* Used **JDBC** to invoke Stored Procedures and database connectivity to ORACLE 10g
* Implemented various design patterns like **DAO**, **Singleton**, **Factory**, **MVVM, MVC** and **Value Object** pattern to improve the code reusability and performance.
* Developed **UNIX Shell scripts** to automate repetitive **databaseprocesses**.
* Designed and developed persistence layer build on ORM framework and developed it using **Hibernate.**
* Wrote **SQL, PL/SQL, SQL\*Plus**programs required to retrieve data using cursors and exception handling.
* Expertise in UDeploy for Deploying to various environments and control those related dependencies.
* Maintaining the Environments like Dev, Sit, Uat, Pre-Prod and Prod.
* Created Jenkins Workflows for pre deployment process (DB execution, Environment configuration changes etc.) on both QA and preproduction Environments.
* Coordinated with all the teams before and after the production deployments for the smooth production releases.
* Worked on **XML** along with PL/SQL to develop and modify web forms.
* Designed and developed batch processing using **multi-threading** to process payments.
* Used **AJAX** to create interactive front-end GUI and JavaScript for client-side validations.
* Used **Eclipse** as the IDE for developing the J2EE application.
* Involved in writing **ANT** scripts to build the application.
* Involved in **production support** and fixed the issues based on the priority.
* Used **JAXB** for marshalling and un marshalling.
* Developed Stored Procedures, Triggers and Functions in Oracle.
* Used Java Message Service (**JMS**) for reliable and asynchronous exchange of important information, such as order status report, delivery report.
* Created and Configured Connection pools in **WebSphere** Application Server.
* Used **JUnit** for debugging, testing and maintaining the system state.

**Environment:** Java 1.6, J2EE, SQL,Servelts, Spring, Hibernate 3.0, **AWS**, Struts, WebSphere Application Server 7.0, SOAP and REST web services, JAX-WS, JSP, JDBC, JavaScript, **Angular JS,** PL/SQL, HTML, CSS, Bootstrap, AJAX, ANT 1.7, JUnit, Log4j, CVS, Eclipse, Oracle 9i/10g, UNIX and XML Schema.

**Client: BCBS, Minnesota, USA Jul 2013 - Jan 2014**

**Java/ J2EE Developer**

BCBS is an association is a federation of about 40 independent health insurance companies.This project dealt with an application by which customers can choose their insurance plan, pay for it and claims the damages if any.

**Responsibilities:**

* Created UML diagrams (use case, class, sequence & collaboration diagram) based on the business requirement using **IBM Rational Software Modeler**.
* Developed application implementing MVC architecture using **Hibernate** (Spring DAO) for back end and **Spring MVC Frameworks** for front end.
* Used Spring Setter Injection and Spring Construction Injection.
* Used Synchronous Queue, Blocking Queue, Concurrent Map Collection classes.
* Used **Aspect Oriented Programming (AOP)** for security and logging features.
* Involved in developing GUI using **HTML**, **DHTML**, **Angular JS**, **JSP** and **AJAX** for end users and loan processing persons.
* Used **Struts Validation** Frame Work for server-side data validations.
* Wrote HQL and SQL scripts to configure Spring with the database.
* Added new features to database using Oracle database- wrote **DDL** and **DML** files using SQL- set up procedures and triggers.
* Implemented **ORM** (Object Relational Mapping) framework with **Hibernate** for mapping Java Classes and database tables.
* Used Jersey to develop RESTful Webservices in java.
* Used **JBoss** as a web server to deploy WAR files.
* Used **JDBC** for database connections.
* Used **WebSphere 8.5** server to deploy and test applications
* Used DAO using JDBC and Oracle 9i as the backend database.
* Developed test cases using **Junit** and **JWebUnit**.
* Used **GIT** for version control and Source Tree to facilitate it.
* Wrote **XML** and **JSON** configurations to transmit data between server and application.
* Used Unix shell for setting up applications and configuring soft links and backing up data.
* Created Ant script for building, check style and deployment.
* Used **CVS** repository for version control.
* Involved in **production support**, monitoring server and error logs and Foreseeing the Potential Issues, and escalating to the higher levels.
* Provide **End**-**user** and developer **training**.

**Environment:** Java 1.6, J2ee, WSAD, HTML, JSP, Struts, JDBC, JSON, Hibernate, Spring Framework, JBoss, GIT, SQL, ORM, WebSphere 8.5, RESTful Web services, Jersey, Active MQ, Oracle 11g, UNIX (Solaris), CVS, JUnit, C#, ANT, JWebUnit, Rational ClearQuest, Unix.

**Client: The Home Depot, Atlanta GA Dec 2012 - Jul 2013**

**Java Developer**

The Home Depot  is an American retailer of [home improvement](https://en.wikipedia.org/wiki/Home_improvement) and [construction](https://en.wikipedia.org/wiki/Building_construction) products and services. Developed E-Commerce suite for The Home Depot, Shopping cart and order management development identifying bottlenecks of the web application.

**Responsibilities:**

* Involved in designing the architecture of the application using **J2EE** standards.
* Involved in client requirements analysis by interacting with various business divisions and developed client requirement document. Use of case diagrams, Class diagrams, and Sequence diagrams were also employed in order to complete software design.
* Designing of classes using **Rational Rose**.
* Used **Agile** (Scrum) development methodology during designs, implementation, testing, and maintenance.
* Different design patterns like **MVC**, **DAO**, and **front controller** were taken into services during this project.
* **CSS**, **HTML**, **DHTML**, **JSP**, **JSTL**, and **Spring** were used to develop user screens.
* Developed **JSPs**, **Servlets** and custom tags for creating user interfaces.
* Used Apache Tiles plug-in in JSP pages to maintain consistent structure in all pages.
* Developed this application using **SpringMVC** as control between front of application and service layer.
* Spring **AOP** and **IoC** were also utilized for transaction management.
* Implemented **Spring AOP** for capturing actions and **Log4J** was used for logging purposes.
* Configured **Hibernate hbm** files to map relationship between tables.
* Refactored Code for better maintainability and performance.
* Closely analyzed HQL to SQL translation in ordered to optimize database server communication.
* Used **Log4J** for debugging and error logging purposes.
* Created **LDAP** services for user authentication and authorization.

**Environment:** Java 1.6, J2EE, Hibernate, Spring, JSP, CSS, Servlets, JDBC, HTML, DHTML, JSTL, JavaScript, Rational Rose, Apache, Scrum, Oracle, Log4J, LDAP

**Client:Medco Health Networks, India Aug 2010 – Dec 2012**

**Java/Web Developer**

Medco Health Network was an American Pharmacy Benefits Management (PBM) company which served more than 65 million people, before it was ultimately acquired by Express Scripts in April 2012. This project deals with ICD Codes Implementation – As part of the project, implemented various ICD codes using EDI/HIPAA transactions like 834,835,837..etc

**Responsibilities:**

* Involved in use case design, functional documentation and technical documentation.
* Involved in complete software development life cycle with **object oriented approach** of clients business.
* Process and continuous client feedback. Worked on **designing** and **developing** a complete service.
* Involved in design and Drawing **UML diagrams** such as use cases, sequence diagram.
* Involved in the design of **user interface** and **business layers**.
* Developed **web services** to generate and attached contract documents.
* Developed user interfaces using **JSP** and **form beans** with JavaScript to reduce round trips to the server.
* Involved in development of controller component using **Servlets** and **view component** using JSP.
* Worked on **Spring-DAO** based declarative transaction management.
* Implemented **Hibernate** and **Struts** framework.
* Involved on the **back end application** to modify **business logic** by making enhancements.
* Involved in publishing the **web services** to help users interacting with web services.
* Involved in the migration of independent parts of the system to use persistence technology such as **JDBC**.
* Wrote database queries using **SQL** and **PL/SQL** for accessing, manipulating and updating Oracle database.
* Developed **Controller Servlets** and used **Java Script** for client validations.
* Created action classes in **Struts** and Developing managers classes using **Hibernate**.
* **Testing** and **debugging** of the application.
* Implemented **MVC** architecture using **Inversion of Control** and **Dependency Injection**.

**Environment:** Java, J2EE, Web Services (JAX\_WS, SOAP, WSDL), WJB 3, JPA, Spring, JSP, JMS, JSTL,JDBC, JNDI, Java Script, Sybase, ANT, JBoss 5.1, Eclipse, Log4j, Junit, HTML, CSS.