**Harshavardhan Gottipati**

**Email:** basha@timesquareit.com

**Mobile:** 678-740-7704

**Skype: harsha.gottipati.**

**JAVA/J2EE Developer**

# Summary

* around 8 years of experience in **designing** and **developing java j2ee web** **based** and **enterprise level applications**.
* participated in all phases of **software development life cycle (sdlc)** **- analysis, design, development, integration, testing and deployment**.
* good experience in design and implementation of client/server web applications using **j2ee frameworks spring, hibernate, mybatis, rest, jdbc, servlets, jsp.**
* good knowledge on java 8 new features like **lambda expressions**, **streams**.
* good knowledge on **hibernate** and **hql**, **criteria query**, **sql**, **plsql**, **query cache**.
* expert in core java with strong understanding of **inheritance**, **multithreading**, **generics**, **event handling** and **exception handling**, **collections**.
* good knowledge in designing and developing **multi-threaded applications** using **Executor Framework**.
* Good Experience in writing scripts for project compilation Build Management Tools using **Maven**, **ANT** and **Gradle**.
* Experience in version control tools like **GIT Hub**, **Bit Bucket** and **CVS**.
* Have expertise in **Spring Framework** as a container to help easy **Transaction management**, **JDBC access** and **Hibernate integration**.
* Worked on **Swagger API** and auto – generated documentation for all **REST calls**.
* Strong knowledge on continuous integration tool **Jenkins**.
* Involved in writing Unit Test Cases using **Junit,** **Mockito** and **Jasmine**.
* Experience in writing **SQL**, **PLSQL** programming, **RDBMS** database design, creation and management of schemas, **writing stored procedures**, **functions**, **triggers**, **DDL**, **DCL**, **DML SQL queries.**
* Well experienced in Spring Framework such as **Spring Core**, **DI**, **Spring AOP**, **Spring MVC**, **Spring IOC**, **Spring Rest,** **Spring Security**, **Spring Boot, Spring Batch, Spring Cloud** and **Spring Transaction.**
* Strong experience in database design in **SQL Server**, **ORACLE**, **MySQL, Informix, Postgres** and **MongoDB.**
* Good knowledge on various **AWS services** .
* Hands on Experience in developing Single Page Applications (SPA) using **AngularJS**, **Angular2**, **HTML5**, **CSS3**.
* Worked on UI with **JSTL**, **Java Script**, **CSS**, **XSLT**, **XHTML**, **AJAX**, **Custom Tags Libraries**, **JQuery.**
* Experience in developing applications on various web containers/application servers such as **IBM WebSphere(WAS),** **Apache Tomcat,** and **JBoss.**
* Worked with different IDE's like **Eclipse** and **IntelliJ IDEA**.
* Implemented **log4j, slf4j** to validate applications and for having the logs stored for the application.
* Experience in developing and supporting applications that consume and/or generate **SOAP/Restful Web Services** using **JAX-WS**, **JAX-RS** and **FasterXML.**
* Strong in Object oriented design/analysis, **UML modelling**, classic **J2EE design patterns** (Singleton, Factory pattern, MVC pattern, Façade. etc.).
* Have experience in **Object Oriented Analysis** and **Design** **development** and implementation of Web based applications.
* Experience in using **JIRA** for bug tracking and raising tickets.
* Excellent communication, analytical and interpersonal skills and highly motivated team player with ability to work independently.

# Educational Qualifications:

Bachelor’s in Engineering – VTU, Bangalore, India.

# Technical Skills

|  |  |
| --- | --- |
| Languages | Java, SQL, PLSQL |
| Servers | Apache Tomcat 7.0, WebLogic 11g, JBoss |
| Databases | Oracle, MySQL, MongoDB |
| IDE’s | Eclipse, NetBeans, STS |
| J2EE Technologies | Servlet, JSP, JDBC, JSTL, Web Services (SOAP, Restful) |
| Web Technologies | HTML5, CSS, Java Script, Bootstrap, XML, DTD, XML Schema, JSON, Angular2 |
| Build Tools | MAVEN, ANT, JENKINS |
| DB Tools | TOAD, MySQL Workbench |
| Methodologies | Agile-Scrum, TDD, Waterfall |
| Version control tools | GIT, SVN, CVS |
|  |  |
| Logging Framework | Log4j, Slf4j |
| Cloud Services | AWS: EC2, S3, RDS, SQS, SNS |
| Frameworks | Hibernate, Spring, Struts, JMS |
| Testing | JUnit, Mockito |

**Professional Work Experience**

|  |
| --- |
| **Dept. Of Health and Mental Hygiene, NY June 2017 To Till Date**  **Role: Sr. Java/J2EE Developer** |

**Description:** New York City Dept. Of Health is one of the largest health agencies in the world. Main services are issuing birth certificates online for people born in New York City. People can apply for birth certificate online. It also issues types of licenses and permits under NYC health code. Multi-user client server architecture built on java J2EE platforms.

**Responsibilities:**

* Designed the application using **Spring MVC, Spring Rest, AOP, IOC, DAO** (Data Access Object).
* Participated in Agile software development project and tasks including coding, testing, debugging, documentation, peer- review, deploying, monitoring, and support.
* Participated in task identification, work effort estimates, and schedules for development and maintenance activities.
* Involved in developing code for obtaining bean references in spring framework using **Dependency Injection** (DI) or **Inversion of Control** (IOC).
* Developed the application by implementing **MVC** Architecture using **Spring MVC.**
* Developed **Spring Data** application for batch processing.
* Deploying applications into Continuous integration environments like Jenkins to integrate and deploy code on CI environments for development testing.
* Used Jenkins for CI and Tomcat for the new standalone application deployment.
* Developed Spring REST Exception Mappers.
* Responsible for creating efficient design and developing User Interaction screens using **HTML5**, **CSS3**,
* Actively involved in designing the outline of project, understanding of business necessities and interacted with the team members to understand the requirements for the project.
* Used Concurrency concepts, Garbage collection, Exceptional Handling, Memory management, and OOPS concepts.
* Implemented mapping (Object-relation) in the persistence layer using **Hibernate** framework with Spring functionality.
* Used Spring Core framework to inject dependency, DAO and Bean objects, auto-wiring Components.
* Designed and developed business components using **Spring Boot**.
* Designed, developed and implemented JSP's in presentation layer for Submission Application Reference implementation. Resolved issues in basic networking components.
* Implemented Object-relation mapping in the persistence layer using hibernate frame work in conjunction with Spring **Aspect Oriented Programming** (AOP) functionality.
* **JavaScript**, **jQuery**, **AJAX**, **JSON, JSP**. Used GIT as source control management giving a huge speed advantage on centralized systems
* that communicate with server and GITHUB as Jar Repository Tool.
* Used Oracle, SQL to retrieve and store data in the database.

**Environment:** AngularJS, A React JS, Hibernate, MongoDB, Mongoose Connector, JSP, Spring Core, Node JS, Ember JS, JQuery, Servlets, Spring Security, Rabbit MQ, Hibernate, XML, XSLT, CSS3, HTML5, MySQL, JUnit, SVN, Web Services, Spring Boot, REST, Grunt, Log4j, Amazon Web Service, Jenkins, Docker, Selenium, Maven, Agile Scrum.

|  |
| --- |
| **Allianze Life Insurance – Minneapolis, MN May 2016 to April 2017**  **Role: Sr. Java/J2EE Developer** |

**Description:** Involved in developing an application, used internally by Allianz employees to keep track of clients and their policies to pay a beneficiary when the client requests the claim. When a specific loss happened to the client, he/she can claim his/her benefits online which can be posted in company’s portal, there by the employees validates the claim and promptly pay theclaim if it is valid.

**Responsibilities**

* Identified the Business Requirements and Involved in preparing System Requirements for the project, and involved in various **SDLC phases like Design, Development and Testing.**
* Application is implemented using agile methodology where there is a daily **SCRUM meeting** to understand the status and resolve any issues.
* Used **Spring-IOC** to inject beans and **Spring MVC architecture** for developing the application.
* Implemented **Angular JS** and **AJAX** for the better performance of system and partial page rendering.
* Worked with spring modules like **MVC, AOP, and IOC Dependency injection** and based on the business logic.
* Developed Web Services to communicate to other modules using **XML based SOAP and WSDL**.
* Developed an automated application **using JMS for messaging** and JNDI to interact with the Server.
* Maintained **Core Java, CSS3, HTML5, JavaScript, DOJO, Angular JS and Bootstrap, XSD for designing Web pages.**
* Implemented the online application by using **Spring Web MVC**, **Core Java, Hibernate, JSP, Servlets, Web Services, SOAP and WSDL.**
* Used **Spring Security for Authentication** and authorization extensively and Spring declarative transaction management for managing transactions.
* Integrated spring with the IBATIS framework for database communication using object relational mapping.
* Utilized Amazon Web Services (AWS) EC2 to deploy **Docker** containers.
* Designed and developed a **JDBC** driver that intercepts a create view **DDL** parses it, converts it to a relational model, and stores in the database.
* Designed and developed the End Points (Controllers), **Business Layer**, **DAO Layer** using Hibernate/JDBC template, using **Spring IOC** (Dependency Injection).
* Worked on Log4J to validate functionalities and JUnit for unit testing
* Used **GIT as source** control management giving a huge speed advantage on centralized systems that must communicate with a server.

**Environment:** Java, J2EE, Spring , JavaScript, XML, JAXB, JBOSS, Oracle, PL/SQL, iBATIS, Jdbc, CSS, HTML5, JavaScript, DOJO, Angular JS and Bootstrap, Spring Web MVC, JSP, Servlets, Web Services, AWS, JMS, SOAP, WSDL, JQuery, Eclipse IDE, JUnit, MicroServices, Spring Security, Restful Web service, Git, Maven.

|  |
| --- |
| **First Tennessee Bank, Memphis,TN Feb 2014 To April 2016**  **Role: Sr. Java Developer** |

**Description:** Digital Banking 2.0 is First Tennessee's enhanced Banking Online system that will replace the current Banking Online system. The new system will deliver all the banking conveniences with upgraded features, including new budgeting tools, savings goal setting and tracking functions, improved alert functionality, as well as the ability to pull the customer financial accounts, with First Tennessee Bank and other institutions, into one convenient place.

**Responsibilities**

* Followed **Agile** Software Development Methodology and **Test-Driven Development (TDD)** to build the application iteratively and incrementally.
* Participated in **scrum** related activities and daily scrum meetings.
* End to end design and implementation using **Spring Boot**, **Spring Data**, **Spring** **JPA, Spring Security** and **Hibernate**.
* Implemented **Spring** and **J2EE** based **MVC (Model-View-Controller)** framework for the application.
* Developed **REST API** using **Spring MVC** and **Spring REST** **Controllers** and generated **JSON/XML** formats.
* Used object-oriented design and core Java concepts such as **Collections**, **Multithreading**, and **Exception Handling**.
* Involved in implementing the changes in user interfaces using **HTML**, **CSS**, **JavaScript**, **Angular**, and **AJAX**.
* Used **Hibernate** Framework for **object relational mapping** and **persistence**.
* Implemented the **ORM** layer using **Spring Data JPA** for **CRUD** operations.
* Developed application service components and configured beans using **Spring IOC**.
* Used **multiple Action Controllers** to control the page flow, Interceptors for client validations.
* Created **Spring Interceptors** to validate web service requests and to enable notifications.
* Analyzed, designed, developed and unit tested various **RESTful** web services using **Spring Boot** framework.
* Developed unit test cases using **JUnit** and used **Log4J** for **logging** and **debugging**.
* Used **Oracle** as backend database and involved in development of **Stored Procedures**.
* Created **Maven** scripts to build and deploy the application.

**Environment:** Java/J2EE, Spring Framework, Spring MVC, Spring IOC, Spring Boot, Spring Data JPA, Hibernate, REST Web Services, HTML, CSS, JavaScript, Angular, AJAX, JSON, Apache Tomcat, Apache Maven, Postman Client, JUnit, Log4j, CVS, JIRA, Jenkins, Oracle.

|  |
| --- |
| **Tata Aig Insurance , Pune, India Nov 2012 To Jan 2014**  **Role: Java Developer** |

**Description:** Insurance Management system is state of art online integrated tool that helps registered customers to buy insurance online. It integrates and manages customer login, processes credit cards, shipping information, shopping sessions and various views of products and services up for sale. The complete system was divided into two modules, a website that manages customer login details and an Insurance management system that fulfills purchase order. The Insurance management system uses message driven beans to process workflow.

**Responsibilities:**

* Involved in the **Requirements collection & Analysis** from the business team.
* Created the design documents with **use case diagram, class diagrams, and sequence diagrams** using **Rational Rose.**
* Implemented the MVC architecture using Apache **Struts1.2** Framework.
* Implemented **Action Classes** and **server-side validations** for account activity, payment history and Transactions.
* Expert in building rich GUI front ends and extending **Swing** components to provide additional functionality.
* Utilized different types of **Swing** customized components.
* Used **Java Messaging Services (JMS)** for reliable and asynchronous exchange of important information such as payment status report.
* Developed **Unit test cases** using **JUnit.**
* Developed **Ant scripts** and developed builds using **Apache ANT.**
* Used **Log4J** to capture the log that includes runtime exceptions.
* Used Clear **Case** for **source code maintenance**.
* Implemented **JSF Framework** for web application interface.
* Implemented views using **Struts tags, JSTL2.0** and **Expression Language**.
* Implemented **Tiles Framework** for the **views layout**.
* Implemented **session beans** to handle **business logic** for claim calculations, change in insurance policy, payments & track user requests.
* Worked with **JAXB**, **SAXP** and **XML Schema** for exporting data into XML format and importing data from XML format to data base and **JAXB** in the web service's request response data marshalling as well as unmarshalling process.
* Implemented the **web services (SOAP/WSDL)** client to consume the **third-party service API** for validating credit cards.

**Environment:** J2EE, Java, Struts, Tiles, JSP, JNDI, Clear Case, SOAP, WSDL, UDDI, JAXB, JAXP, Schema (XST), EJB 2.0, ANT, JavaScript, JMS, Rational Rose, WSAD, DB2.

|  |
| --- |
| **Muthoor Finance, Chennai, India July 2010 To Oct 2012**  **Role: jr. Java Developer** |

**Description:** Muthoot Finance serves individuals, small businesses, middle-market companies, and institutions throughout major cities and suburbs across India. It provides online services to support its renowned customers. The current application is a part of online services that a customer leverages to set up his online account and make e-bills payment. As a part of the Online Service Software Development Team I helped with various responsibilities to develop a robust functional application code.

**Responsibilities:**

* Involved in the analysis, design, and development and testing phases of **Software Development Lifecycle(SDLC).**
* Designed **Use Case Diagrams**, **Class Diagrams**, **Sequence Diagrams** and **Object Diagrams**, using **Rational Rose XDE** to model the detail design of the application.
* Developed the application front end using **Jakarta Struts** Framework: developed action classes, form beans and **Java Server Pages** using WSAD.
* Designed and implemented **Business Delegate**, **Session Facade** and **DTO Design Patterns**.
* Deployed the applications on **IBM Web Sphere Application Server.**
* Extensively worked on **JMS** for sending data to **IBM MQ Series** in terms of XML Objects.
* Wrote **JAXB** **XML parsers** for XML Schema Validation and used **SOAP** for sending and getting data from different applications.
* Extensively used **JDBC** in data access layer to access and update information in the database
* Used **XSLT** to transform my XML data structure into HTML pages.
* Used **XML Web Services** using **SOAP** to transfer information to the Credit Monitoring Systems.
* Used **CVS** for version control across common source code used by developers.
* Used **JDBC** to invoke Stored Procedures and database connectivity to **ORACLE**.
* Written and debugged the **ANT** Scripts for building the entire web application.
* Developed **JUnit** test cases for all the developed modules.
* Monitored the error logs using **Log4J** and fixing the problems.

**Environment:** Java/J2EE, Core java, Struts, XML Web Services, JSP, Oracle, HTML, CSS, JavaScript, IBM WebSphere, JDBC, SOAP, CVS, JUnit, ANT, Log4J.