**Veera Krishna Madh**

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**Professional Summary:**

* Having 6+ years of experience in the IT industry with diversified exposure in Software Process Engineering, designing & building a Web Application using JAVA/J2EE technology.
* Expertise in developing Web based distributed and Front-end applications in a three-tier architecture using JAVA, J2EE, HTML, CSS, JavaScript, Ajax, JSP, jQuery and Angular JS, Angular 2 and 4, NodeJS, React JS.
* Expertise in server-side development with JDBC, JNDI, Servlets, spring frameworks like MVC architecture, spring boot etc.
* Proficient in working on various spring modules (Spring Core, Spring IOC, Spring MVC, Spring DAO, Spring Boot and AOP) along with Hibernate and JPA as the backend ORM tool for implementation of persistence layer and mapping of POJOs.
* Experience in designing User Interactive UI Web Pages and visually appealing User Interfaces with the help of HTML 5 and CSS3.
* Acquaintance in applying the latest development approaches including MVC framework in the browser, event-driven applications using Ajax, single page applications using Angular JS and Bootstrap.
* Expertise in coding optimized SQL queries on databases like My SQL, SQL Server and Oracle.
* Worked on IDE's like Microsoft visual studio, Sublime text, IntelliJ, Web Storm, and Eclipse.
* Experience in developing web applications using MVC, MVVM, MVP, Singleton architectures.
* Solid experience with Responsive Web Design (RWD) with involvement in several web application development projects.
* Experience working on Frameworks like Bootstrap, Foundation, Angular.js.
* Solid knowledge on Core Java, Multi-threading, Algorithms and Object-Oriented concepts.
* Good experience with web services like RESTFUL, SOAP.
* Experience in maintaining Atlassian products like JIRA, Confluence, and Bamboo etc.
* Experience with Object-oriented programming and Object-oriented design.
* Experience and ability to write automation test cases for regression testing.
* Experience in database related work primarily creating complex stored procedures, Views, Triggers, Functions, using PL/SQL.
* Strong database skills in Oracle 12c, DB2, MySQL, and MS SQL Server.
* Experienced in working in AGILE based development environment and participating in Scrum sessions.
* Strong experience with JUnit and Mockito in performing unit tests of the applications.
* Excellent communication and relation building skills. Used to update User Interface based on changing needs and requirements.
* Strong team player and effective individual with an ability to adapt to new technologies quickly

**Skills:**

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| **Programming Languages** | C, C++, Java, J2EE, PL/SQL |
| **Core Java** | JavaBeans, JDBC, I/O, Annotations Collections, Exceptions and Multi-Threading. |
| **Frameworks/ORM** | Spring core, Spring boot, Spring AOP, Spring Transaction, Spring MVC, Struts, JSF, Hibernate ORM, JSF, JPA. |
| **Web Technologies/J2EE** | JSP, Servlets, EJB, jQuery, JSTL, AJAX, XML, JavaScript, AngularJS, HTML5, CSS3, TILES, DOJO, JSON, XSLT, XML, JNDI. |
| **IDE’s and Utilities** | Eclipse, My Eclipse, NetBeans, IntelliJ IDEA, Spring Tool Suite (STS), XCode, Apache Camel |
| **Database** | Oracle 10g/11g, SQL Server, MongoDB. |
| **Web Services** | RESTful web service, SOAP, WSDL, JMS, JAXB. UDDI, Axis2, CXF, JMS, MDB, MQ Series. |
| **Version control/Build Tools** | Git, SVN, CVS, ClearCase, Jenkins, Maven, Ant. |
| **Testing Tools** | JUnit, Mockito. |
| **Application Servers** | BEA WebLogic, Tomcat and JBOSS 5.1/6.0, IBM Web sphere 4.0. AWS |
| **Virtualization** | VMWare, Oracle Virtual Box, Parallels. |
| **Operating Systems** | Windows XP/Vista, Linux (Red Hat, Ubuntu, Fedora), Mac OSX. |
| **Design Patterns** | Singleton, Abstract Factory, Factory, Builder, Business delegate, Service locator, Model View Controller, Session facade, DAO, Composite, Adapter, Proxy. |
| **Scripting** | jQuery**,** Angular 2/4, JavaScript, jQuery, JSON, JSF and JSP. |
| **Logging/Debugging Bug Tracking /Management Tools** | Log4J, Splunk, Log4Net, JIRA, ClearQuest, Mavenlink |
| **Design Tools** | UML on Rational Rose 4.0. |

**Professional Experience:**

**Bluestem Brands, Eden Prairie, MN  Nov’ 18 to Till Date**

**Full Stack Developer**

**Responsibilities**:

* Design and developed backend application using Spring MVC, Spring JDBC and Spring AOP framework.
* UI components are developed using MVC, JSON, HTML.
* Implemented REST web services using Jersey framework, which are consumed by front-end environment.
* Core Java with Concurrent API is used extensively for parallel processing and chunk processing of trade execution data and market data and converts in to JSON and store it Cassandra.
* Used Java 8 Lambda expressions and Stream API to support functional-style operations on streams of elements.
* Worked on Java functional programming concepts like Streams, Functional Interfaces, new date time API and lambda expressions.
* Integrated GitHub repository with IntelliJ to check-in the code.
* Used IntelliJ to develop source code and debug the application.
* Used Apache camel for end-to-end messaging.
* Implementation of Restful services in Apache camel using rest component, event notified, JSON.
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API, Spring Boot for microservices and Spring Batch for running batch jobs
* Development of Spring Microservices and Converting user stories into backend logic in service classes.
* Extensive knowledge in HTML/HTML5, Angular2/4, CSS/CSS3, Bootstrap, hand-coded, cross browser (no tables for non-tabular data).
* Developed Web applications using Microservices architecture.
* Monitored the error logs using Log4J and fixed the problems.
* Mentoring a team of MDM/ETL developers and business analysts.
* Integrated Swagger API specification for easy access of REST API.
* Extensively used Core Java concepts such as Exceptions and Collections.
* Application development in PL/SQL, Linux shell script, Korn Shell, Informatica PowerCenter and MDM hub suite of applications.
* Install, configure, deploy, and validate applications using cloud configuration management.
* Designed and implemented application using HTML5, Angular2/4, JavaScript and CSS3.
* MVC frameworks like Angular are used for enhanced user experience in web modules by testing and implementing the enterprise application with Angular2 and Spring MVC.
* Integrated Swagger API specification for easy access of REST API.
* Worked on the modernization of a legacy and outsourced UI technologies used were Angular2/4.
* Experience in monitoring application and business performance using AppDynamics and Dynatrace.
* Created jobs for continuous integration and continuous deployment in GIT shared repository using Jenkins.
* Used Splunk to verify the logs generated from different environments.
* Used Apache Kafka (Message Queues) for reliable and asynchronous exchange of important information between multiple business applications.
* Responsible to assign stories to my track and get progress report from the team by using JIRA.
* Involved in design, configuration, development and bug-fixes.
* Worked with Streams, Lambda functional programming using java.

**Environment**: Java, Spring, Core Java, Spring Core, XSD, XML, Spring Batch, Spring MVC, Spring AOP, REST Web Services, Angular, Spring JDBC, Spring Boot, Kafka, Cassandra, Log4j, Jenkins, SQL, Splunk, DOM, JAXB, IBM, Micro Services, GIT repository.

**Mitsubishi Motors North America, Cypress, CA Jan’ 18 to Nov’ 18**

**Full Stack Developer**

**Responsibilities**:

* Involved in developing the JavaBeans, Action classes and Action forms for product information, using
* struts framework.
* Involved in all phases of the project starting from requirements, design, technical documentation,
* development, testing, debugging and deployment.
* Involved in Servlet programming and JSP scripting for the communication between web browser and server.
* Used IBM RAD to develop source code and debug the application.
* Used Apache camel for end-to-end messaging.
* Implementation of Restful services in Apache camel using rest component, event notified, JSON.
* Developed the Front end for the application using HTML5, CSS, JSP and JavaScript, Ajax, JSTL, and JSP Custom tags.
* Web application development for backend system using Angular2 with cutting edge HTML5 and CSS techniques.
* Deploy the application using IBM RAD, IBM WebSphere Application Servers
* Configured the URL mappings and bean classes using Springapp-servlet.xml
* Used JSP and HTML on front end, Servlets as Front Controllers and JavaScript for client-side validations.
* Developed user interface using HTML5, JSP, JSP Tag libraries to simplify the complexities of the application.
* Implemented the business logic using JSP, JSTL, Java Beans and service classes.
* Implemented SPRING Model View Controller architecture to develop presentation tier and business layer
* using components like dispatcher Servlet, Handler Mappings, Controller, Model and View Object, View Resolver.
* Implemented a CI/CD pipeline involving Bitbucket, Jenkins, and Ansible for complete automation from commit to deployment.
* Worked on JDBC framework to connect to DB2 database.
* Used JDBC API for batch processing (inserts/updates) of feed data.
* The front-end JSP pages were developed using the Struts framework.
* Used Db2, SQL as the backend databases.
* Used Stored Procedures in the application and modified existing database structure.
* Involved in designing, developing and configuring Core Java and J2EE components like REST API,
* Hibernate, JPA, Java Beans, Java, J2EE and deployments in WebSphere Application Server.
* Application developed using WebSphere Application Server.
* Used SVN tools for version control and management.

Environment: Java, JavaScript, Struts, Spring, Hibernate, Apache Camel, Servlets, JSP, SOAP, REST, SQL, DB2, SVN, XML, HTML, CSS, HTML5, JDBC, Spring MVC, IBM RAD, IBM WebSphere MySQL, Windows.

**Thrivent Financial, Appleton, WI Feb’ 17 – Jan’ 18**

**Java Developer**

**Responsibilities**:

* Involved in fixing the requirements gaps in the payment center redesign.
* Designed, developed, debugged and tested the web-based application using the Spring Tool Suite environment and followed Agile and Scrum methodology
* Reviewed and wrote the pseudo code for the new Payment Center.
* Support continuous improvement by investigating alternatives and technologies and presenting these for architectural review.
* Implemented LDAP support in application for user authorization
* Involved in writing UNIX shell scripts that use SQL to update database
* Implemented Drools Business rules for payment button for different LOB’s
* Creating and reviewing the business requirement, redesigning and recoding the old payment system to new payment system
* Involved in batch processing using Spring Batch to extract data from databases
* Used Spring Integration message framework, Spring IO/Spring Boot to implement the functionality
* Lead the onshore/offshore development activities.
* Used SOAP UI to test the new Web Services
* Implemented and Reviewed the Business Logic for all the LOBs.
* Used Bootstrap, HTML, CSS, JavaScript, JSP to develop the user interfaces and JavaScript framework like Backbone.js, Angular.js 1.4 to display the printer friendly window
* Created test cases using Selenium web drivers’ methods and executed Selenium test cases
* Developed pseudo code and algorithms for various business rules
* Developed web applications using RESTful web services
* Used MongoDB to store dynamic schemas and implemented NoSQL Cassandra key stores
* Enhanced user experience by designing new web features using MVC framework like Node.js
* Used SAML tokens to connect and retrieve the information from the Mainframe.
* Helped the management in fixing the SVN (creating the new branches) with old and new Payment Center repositories.
* Created the JSP Screens for the Bank Maintenance, Payment Processing using the AJAX calls. Tested the Web Services for the connectivity issues.
* Worked on adding JavaScript functions to the Bank Maintenance Screens to perform AJAX calls using jQuery to call CBIV Web Service
* Migrated project from Struts to Spring framework
* Generated GWT classes and provided front end functionality using GWT libraries
* Performance monitoring and troubleshooting the Tomcat Webserver.
* Created the Maven Scripts to create JAR, WAR & dependency JARS and deploy the entire project onto the WebSphere Application Server
* Used ReactJS to create controllers for handling and also to create views to hook up models
* Used SQL procedures and statements for fetching the data from the database
* Supported the Ops team in deploying the Services.
* Implemented AngularJS controllers to maintain data
* Worked with Oracle 10g for the backend development of the application
* Wrote build and deployment scripts using ANT and Maven

**Environment**: Java(Java 1.7), J2EE, Spring Tool Suite 3.6.1, Spring, WebSphere App Server, AEM 5.6.1, Curam, LDAP, ANT, SOAP UI 4.0.1, RESTful web services, CICS, Oracle 10g, Mule, Bootstrap, AngularJS 1.4/2, JBoss, Spring boot, UNIX, Backbone.js, Node.js, JBPM, Algorithms, Git, Selenium, Drools, XML, MongoDB, NoSQL, , MS, GWT, React.js v15,MindView, TC Webserver, JavaScript(ES6), jQuery, Groovy, Hibernate, CSS, JSP, HTML

**University of Toledo, Toledo, OH Dec’15 – Feb’ 17**

**Java Developer**

**Responsibilities**:

* Designed, developed and tested a window-based application used for data sharing
* Used Java Cryptography Extension for data encryption and decryption and developed the application using Java standard edition 7 and used NetBeans IDE.
* Designed and developed the User Interface using JSP, Servlets and Java for both Business Logic and GUI development.
* Developed Analysis Model of requirements analysis, Functional Model with scenarios and use cases, Dynamic Model with sequence diagrams and state diagrams
* Developed algorithms based on the requirements and model
* Involved in finalizing the features of the project and worked in all the phases of Software Development Life Cycle
* Wrote GWT code to create presentation layer using GWT widgets
* Developed UI using bootstrap, ReactJS, HTML5, CSS3 for interactive cross browser functionality
* Designed the front-end using Core Java as well as Java Swing involving UI design, user generated event handling
* Monitored the performance of the application
* Used Multithreading for creating the nodes and for grouping them and used Collections for storing the data

**Environment**: JDK 7, Java/J2EE, NetBeans IDE, Bootstrap, ReactJS v15, HTML5, CSS, GWT, AngularJS 1.2, BackboneJS, Windows OS, Algorithms, Swing, JSP, Core Java, Servlets, Java Cryptography

**Byte Alpha Solutions, Hyderabad, India Feb’ 2013 – Jul’ 2015**

**J2EE Developer**

**Responsibilities**:

* Used Rational Rose to draw UML diagrams and to develop the Use cases, Activity Diagrams, Sequence Diagrams and Class Diagrams.
* Used Spring 3.1 (MVC) Framework to develop the application. Used Factory, DAO, Singleton and DTO and Value Object, Business Delegate design patterns.
* Involved in writing Spring Configuration XML file that contains declarations and other dependent objects declaration.
* Developed user interface using JSP, JSP Tag libraries, Spring Tag libraries and Java Script to simplify the complexities of the application.
* Used multithreading in programming to improve overall performance.
* Created tables, triggers, stored procedures, SQL queries, joins, integrity constraints and views.
* Developed JUNIT test cases for unit testing.
* Used Log4j for writing the logs including errors, info, etc.
* Used JIRA for tracking the Activities, Tasks and Defects.

**Environment**: Java SE 7, J2EE, Spring 3.1, EJB, Oracle11g, JDBC, Servlets, JSP, SOAP, JavaScript, XML, HTML, CSS, UML, JMS, Agile, Web sphere 8.0, Rational Rose, JIRA, ANT, Log4j.

**Educational Details:**

* Jawaharlal Nehru Technological University, Kakinada (JNTUK) May 2012

Bachelor’s in Computer Science and Engineering