**Krishna**

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**JAVA FULL STACK DEVELOPER**

Skilled Java developer building web applications using deep expertise in Java technologies and SDLC principles. Proven ability to interpret user requirements and translate them into feasible technical specifications. Developed commercial and e-commerce web applications, including back-end programming and database related tasks across platforms. Demonstrated track record of working on web application projects for international clients, participating throughout the development lifecycle for all requirements, coding, and testing. Implemented several applications using Spring Boot and Hibernate.

**PROFILE OVERVIEW**

* Around 6 years of experience in all aspects of Software Development Life Cycle (SDLC) including requirement analysis, design specification, code development, code integration, testing, and deployment using Object Oriented Analysis and Design with Core Java & J2EE.
* Experience in designing and developing multi layered (Presentation Layer, Service Layer, Data Access Layer, Integration Layer) architecture applications with Java/J2EE using Web Services, Servlets, JSPs, JDBC, XML, Java Mail, DAO, SQL, Spring, Hibernate.
* Highly Experienced in Spring, Spring Boot, Spring Security frameworks and modules including Spring Core, Spring IOC, Spring JDBC, Spring AOP, Spring MVC.
* Working experience of Relational DBMS like MySQL, Oracle SQL PL/SQL.
* Good understanding of ORM technologies such as Hibernate, Spring Data JPA.
* Good Exposure to Service Oriented Architecture (SOA) such as Web Services including REST, SOAP, UDDI, WSDL, JMS (Java Messaging Service) and JAX-WS.
* Quite good knowledge on Web Services related frameworks like Jersey and Apache CXF. Also, having good exposure towards testing tools like ARC (Advance REST Client), Postman, Soap UI and generating client using Eclipse for Web Services consumption.
* Experience in unit testing the applications using JUnit, TDD Framework.
* Experience in testing with JUnit Framework using Mockito, Power mock.
* Proficient with User Interface (UI) technologies like HTML5/HTML, CSS3/CSS, Bootstrap, JavaScript, AJAX, XML, JSON, jQuery.
* Experience in developing Single Page Applications using Angular, JavaScript, MVC.
* Managed Amazon Web Services like EC2, S3 bucket, ELB, Auto-Scaling, SNS, SQS, AMI, IAM, DynamoDB, Elastic Search, Virtual Private Cloud (VPC) through AWS Console and API Integration.
* Proficiency with the application servers like Tomcat, WebSphere, WebLogic and JBOSS.
* Good experience to set up, configure continuous build processes using Jenkins, Maven.
* Worked on implementing full life cycle of Software development process (SDLC) using version control tools like GIT, Bitbucket.
* Expertise in using Agile Software Development methodologies like Scrum, Sprint and Traditional software models like Waterfall and Test-driven development (TDD).
* Proficient in implementing the design patterns like Singleton, Factory Method, Front Controller, DAO (Data Access Object), DTO (Data Transfer Object), Business Delegate and Business Object.
* Expert in core java concepts like Collection Framework, Multi-threading, Generics, Annotations, Serialization, Thread pools, JavaBeans, Externalization.
* Used java 1.8 features like Lambda expressions, functional interface, stream, collections, Date/Time changes and type annotations.

**TECHNICAL SKILL SET**

Java Technologies : Java, J2EE, JDK 1.8/1.7, JDBC, Servlets, JSP, JPA

UI Technologies : HTML5, CSS 3, Bootstrap, JavaScript, jQuery, Angular, Ajax

Frameworks & tools : Spring, Spring Boot, Spring Security, Spring Data JPA, Hibernate, Log4j

Build Tools : Maven

Database : MySQL, Oracle 10g/11g/12c

Web Services : Rest, Jackson, and Soap

Version Controls : GIT and Bit Bucket

Application Servers : Apache Tomcat, IBM WebSphere

Operating Systems : Windows, Linux, Unix

**WORK EXPERIENCE**

**State of New Mexico, HSD, May 2020 - present**

**Location:** Santa Fe, NM

**Role**: Java Full Stack Developer

* Working on the ASPEN-Workpath Application which is a case management system that tracks work requirement of the client and helps the client to achieve self-sufficiency.
* Gather and analyze the requirements, design, develop, implement, test, and integrate the application per the guidelines and schedules stated in the Software Development Lifecycle (SDLC) plan.
* Developed web pages in the front-end using Angular, HTML, JavaScript, JSP and CSS as per the design and perform jQuery validations on the client side.
* Developed backend programming using Java Standard Edition (J2SE), Java Enterprise Edition (J2EE), JDBC, JPA, Spring Framework, Spring Boot 2.4, Restful web services, Spring IOC, Spring Cloud, Spring Data JPA, Spring Batch, Spring Security.
* Enhance Batch jobs using Java, J2EE framework, Spring Batch to incorporate new business policy changes.
* Build REST based services using Spring Boot and Spring Cloud microservices architecture for loose coupling and scalability.
* Configuring Swagger for Restful services and perform API testing using Postman client.
* Develop data access objects using SQL and prepare SQL procedures to retrieve, manipulate and update data in Oracle database.
* Using GIT for coordinating with the other developers that are working on same repositories.
* Prepare detailed workflows and other diagrams that describe input, output, and logical operation, and convert them into a series of instructions coded in a computer language.
* Write, update, and maintain software programs or packages to handle specific jobs such as storing or retrieving data, or integration with other Agency’s applications.
* Anticipate the impact that new or modified software will have on existing standards and systems and make any recommendations as needed.
* Monitor system performance to ensure proper operation and identify possible problem areas.
* Conduct functional, unit, integration and regression and load/performance tests as applicable as part of the quality assurance for each system release.
* Assist the UAT team during the preparation and execution of the acceptance test by establishing test data and maintaining the test environment. Correct any errors identified by the UAT team.

**Blue Cross and Blue Shield of Texas, Jan 2019- May 2020**

**Location**: Dallas, TX

**Role**: Java Developer

* Involved in Developing Web Application with Full Software Development Cycle (SDLC) from Design to

Deployment using agile methodologies.

* Developed the application using Java, Spring, Hibernate, REST Services, Angular JS, High Charts,

Apache POI, HTML5, jQuery, MongoDB.

* Involved in designing and development of Services and Controllers using java.
* Created DAO & Service layer interfaces and its implementation classes.
* Prepared SQL scripts for database tables, views and queries.
* Created endpoints using Rest Controller.
* Created Hibernate profilers for enabling the eager fetching at runtime.
* Involved in creation of Rights, Groups, and Roles.
* Created JUnit test cases with maximum code coverage and performed complete Unit testing.
* Involved in preparing the Design document and ERS.
* Persistence and developing controllers using Spring MVC framework.
* Involved in designing and implementing Zkoss and CSS designed Front end pages.
* Involved in Unit Testing and Reporting Bugs in Bug MS.
* Involved in interacting with clients to understand the functional requirements.
* Developed and implemented the MVC Architectural Pattern using Struts Framework including Servlets.
* Wrote test plans and performed unit testing and performance testing.

**Liberty Mutual, Jan 2017 – Dec 2018.**

**Location:** Indianapolis, Indiana.

**Role**: Java Developer

* Working on application that writes Commercial Insurance policies (Large Scale Businesses) and Farm Lines of Business.
* Implementing business rules and services using Spring, Spring Boot frameworks.
* Designed and developed the REST based Microservices using the Spring Boot, Spring Data JPA.
* Extensively worked on Hibernate for data operations using Spring Data JPA.
* Improved the maintainability of the project by implementing and improving Exception Handling.
* Developed the product builder UI screens using HTML5, CSS, JavaScript, Bootstrap and Angular.
* Provide user interface design for Web-based projects, including dashboards and widgets.
* Develop HTML prototypes and UI deliverables, such as wireframes, flowcharts, screen mockups, and interface design specifications.
* Assist with walkthroughs and usability testing. Update UI per changing needs and requirements.
* Collaborated with marketing, product management, and product development during design stages.
* Unit testing of developed product features using JUnit and Mockito frameworks as part of the development cycle.
* Had experience in performance tuning of J2EE apps, performance testing and analysis.
* Involved in Sprint planning for the estimation of effort for user stories and bugs.
* Performed code reviews and provide guidelines for best practices of software management, coding standards and code commenting for better understandability.
* Responsible for maintaining and expanding our AWS infrastructure using AWS (EC2/EBS).
* Refactored the code for JVM Optimization and performance of the application.
* Involved in Maven-based build process and continuous integration of the project using Bamboo.
* Implemented SOA architecture with Web Services using SOAP, WSDL and XML to integrate other legacy systems.

**Krixel Technologies, Jun 2015 – May 2016**

**Location:** Hyderabad, India.

**Role**: Intern/Software Engineer

* Worked on Hospital Management System - Web Application.
* Involved in developing lab management module (Tests, Packages, Doctors and Appointment entities) and reporting system.
* Used Struts as a core framework for MVC approach.
* Has taken active participation in understanding various modules like Clinical, Registration, Claim Management and Bed Management Services.
* Used Hibernate mappings, relationships between tables and entity classes to access and update information in the database.
* Used Design Patterns like Singleton, Business Delegate, Value Object, Session Façade, Service Locator, DAO, DTO and MVC.
* Developed user interface using JSP, HTML and JSP Tag libraries.
* Designed and Developed User Interface components using HTML5, CSS3, JavaScript, Bootstrap, jQuery, Angular JS and other third-party libraries.
* Implemented AJAX operations for asynchronous communication between views and beans.
* Implemented Client-side validations (using JavaScript, Angular) and Server-side validations.
* Developed and deployed Session Beans Configuration, Performance, Authentication and Authorization modules
* Developed EJB’s for business logic and data access layer with JDBC.
* Developed custom tags for building JSP pages based on settings in the database.
* Deployed application in WebLogic and tested in a local environment.
* Writing JDBC programming to persist the data in a MySQL database and handled complex SQL and PL/SQL queries for stored procedures and triggers.
* Implemented Log4j for the debug and error logging purpose.
* Expertise in Junit and Mockito test cases.