**Bijan Gaire**

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**Summary:**

* 7+ years of experience in Software Development Life Cycle (SDLC) including Requirements Analysis, Design, Coding, Testing, Implementation, Maintenance of web applications with Java/J2EE and Cloud technologies.
* Experience in following followed iterative methodologies such as Agile/SCRUM and Test-Driven Development (TDD) in multi project implementation using JIRA.
* Experienced in developing UML diagrams like Use Case Diagrams and Class diagrams, Sequence Diagrams and Behavior Diagrams.
* Working knowledge of Core Java concepts Collections, Multi-threading, Generics, Exception Handling, Execution services, File I/O, Garbage Collection and Serialization.
* Experienced in building web applications using Spring Framework features like Model-View-Controller, Inversion of Control, Data Access Object, JDBC, & Spring Boot.
* Experience in Frontend technologies like HTML5, CSS3, JavaScript, JSP, jQuery, JSON, AJAX, Angular, Bootstrap, Tag Libraries.
* Experience with Service Oriented Architecture using web services and frameworks like WSDL, UDDI, SOAP, and RESTful.
* Experience in Amazon Web Services like EC2, VPC, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, Amazon RDS, Elastic Cache, SNS, SQS.
* Experience in using ANT and Maven to compile, package and deploy the components to the Application Servers like WebSphere, Apache Tomcat, & JBOSS.
* Experience in database modeling, administration and development in Oracle, SQL Server environments as well as NoSQL like MongoDB.
* Experience in version control and configuration management tools like GIT, SVN, CVS; and development tools like Eclipse, NetBeans, STS, IntelliJ and RAD.
* Experience with Log4j for application logging facility and J-Unit for unit testing and maintaining program code accuracy.

**Technical Skills:**

Languages: C, C++, Java, J2EE, PL/SQL

Web Technologies: HTML5, CSS3, JavaScript, jQuery, Bootstrap, Angular, JSF, AJAX, Node.JS, JSON, RESTful, SOAP, Microservices

Databases: Oracle, SQL Server, MongoDB

IDE/Tools: Eclipse, IntelliJ, Spring Tool Suite, RAD

Web/App Servers: Apache Tomcat, WebSphere, JBOSS

Tools: J-Unit, SOAP UI, Log4j, JIRA, Tortoise SVN, CVS, GIT

**Professional Experience:**

**Client: NorthShore Medical Group, Lincolnwood, IL Mar 2019 - Present**

**Java Full Stack Developer**

**Responsibilities:**

* Involved in requirements gathering, analysis, design, development and testing of application, developed using Agile/SCRUM methodology.
* Involved in developing prototypes of the product and created UML Use Cases, Sequence diagrams, Class diagrams and Page flow diagrams using Rational Rose.
* Used Spring AOP for logging for crosscutting concerns of the application.
* Used Spring MVC to intercept the User requests and used Controllers to delegate the request flow to the Backend tier of the application.
* Implemented DAO pattern to fetch data from database using Hibernate to carry out various database operations and avoid redundant database access statements.
* Developed the strategy for integrating internal security model into new projects with Spring Security and Spring Boot.
* Developed single page applications, components using Angular 2 directives, controllers, view and routing, and service modules.
* Worked on client-side validations, slide show, hide and show controls, dropdown menus and tab navigation using Bootstrap.
* Developed the JSON structure for the data transfer in between the Client and Server layer.
* Developed Spring REST controllers to serve data in XML and JSON format and configured application using Maven.
* Used Maven as build tool and Jenkins for CI/CD process and GIT for version management.
* Used AWS SDK to connect with Amazon SQS for bulk email processing.
* Deployed Spring Boot based Micro-services Docker container using EC2 container services and using AWS admin console.
* Used AWS SDK for connection to Amazon S3 buckets and EC2 to deploy Docker container with Micro-services architecture.
* Implemented MongoDB ops manager for alert, monitoring and to restore data.
* Responsible for troubleshooting MongoDB and cluster configurations to ensure high-availability in various crash scenarios and restoring roll backs to avoid loss of data.
* Involved in development of REST web services using Spring Framework to extract data from MongoDB.
* Used GIT for version management between various integration and development streams.
* Used Log4j for logging errors, messages, performance and J-Unit for debugging the app.

**Client: Kindred Health, Louisville, KY Feb 2017 – Dec 2018**

**Java Full Stack Developer**

**Responsibilities:**

* Worked on developing new modules, enhancements and change requests, production support, postproduction release activities.
* Responsible for preparing the use cases and for designing and developing object models, class diagrams with UML Specifications.
* Developed single page applications in Angular, Typescript, HTML5, CSS3, Bootstrap.
* Worked on creating Angular forms to implement complex forms and performed the validations using Form Builder.
* Involved in upgrading and maintenance of company's website to the new layout using the Grid orientation model Bootstrap framework.
* Handled client-side validations, slide show, hide and show controls, dropdown menus and tab navigation using jQuery.
* Involved in developing code for obtaining bean references in Spring framework using Dependency Injection and Inversion of Control.
* Developed request and response XML Schema documents for web service operations such as Retrieve History.
* Developed Spring Boot application using Microservices architecture with Spring Eureka to maintain lightweight services and communicate between the services
* Created Stored Procedures, functions, views, indexes and constraints, triggers required SQL tuning to reduce the response time in the application.
* Implemented Hibernate ORM mappings to communicate the logic in web service to the Oracle database in back end to determine table per class hierarchy.
* Used Toad for running SQL queries while managing, monitoring & analyzing SQL Server.
* Developed API for using AWS Lambda to manage the servers and run the code in AWS.
* Involved in monitoring production and corporate servers using AWS CloudWatch.
* Involved in coding, maintaining, and administering Servlets and JSP components deployed on a WebSphere Application Server.
* Used IntelliJ for developing, debugging, integration of the various modules.
* Developed J-Unit and Mockito tests and provided support to QA team for bug fixes.
* Implemented logger for debugging using Log4j.
* Used GIT as the configuration management tool to manage the code repository.

**Client: PNC Bank, Pittsburgh, PA Jun 2015 – Dec 2016**

**Java Developer**

**Responsibilities:**

* Involved in preparing Technical requirements and Business requirement documents and translated business rules into business component modules.
* Used UML Rational Rose to develop Use-case, Class and Object diagrams for OOAD techniques.
* Enhanced the application by using HTML and JavaScript for design and development.
* Wrote code to fetch data from web services using jQuery & AJAX via JSON response and updating the HTML pages.
* Used jQuery functions for logical implementation part at client-side for applications.
* Implemented transaction management using Spring declarative transaction management with Spring AOP concepts.
* Heavily used **Spring Inheritance, Auto-wiring, Core Container, Security, MVC, ORM modules as part of migration from EJB to spring.**
* Responsible for development of Web Services using SOAP for sending and getting data from the external interface in the XML format.
* Developed the required XML Schema documents and implemented the framework for parsing XML documents.
* Implemented the business layer by using Hibernate with Spring DAO and developed mapping files and POJO java classes using ORM tool.
* Created SQL queries, PL/SQL Stored Procedures, Functions for Database layer by studying the required business objects and validating them using Oracle.
* Use Maven to build the application and deployed on JBOSS Application Server.
* Used JIRA for bug tracking and issue tracking and added several options to the application to choose particular algorithm for data and address generation.
* Deployed applications on AWS using Elastic Beanstalk.
* Used Log4j to capture the log that includes runtime exception and for logging info and are helpful in debugging the issues.
* Developed Unit test cases for the Web Service Clients and as part of J-Unit tests developed mock tests for our application.

**Client: TD Auto Finance, Farmington Hills, MI Jan 2014 – May 2015**

**Java Developer**

**Responsibilities:**

* Involved in design phase using Agile Methodologies as part of scrum team with 3 weeks of Sprint cycle.
* Developed cross-browser/platform HTML, CSS and JavaScript to desired design specs for single page layout using code standards.
* Worked on DOM manipulation using JavaScript, jQuery and AJAX.
* Added analytics and tagging functionality for all the existing pages to track all the user actions using JavaScript.
* Creation and maintenance of data using Oracle database. JDBC for database connectivity with Oracle.
* Implemented Servlets, JSP'S, SOAP Web-services and associated business modules integration.
* Involved in analyses and design phase using Agile Methodologies.
* Involved in the integration of Spring for implementing Dependency Injection (DI/IOC). Used Spring MVC based on Spring annotation such as @request Mapping.
* Responsible for customizing data model for new applications by using Hibernate ORM technology.
* Involved in creating Web Service interface and implementation based on HTTP.
* Maintained the business standards and the requirements in JavaBeans and deployed them.
* Used Log4j for writing the log files and for logging errors, debugging and tracking using loggers, appenders components.
* Used CVS as Version Control System for the application. Resolved database inconsistency with better design and efficient SQL queries.
* Involved in Unit integration and UAT with test cases. Developed Junit Test Cases for Code unit test.