**RAJ**

**Golang Software Developer**

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**SUMMARY:**

* Raj is a Golang developer with 6.8+ years of software development experience in object-oriented programming, Design and Development of Multi-Tier distributed applications using Java, AWS and Golang.
* Experienced and responsible for Requirement Analysis, Development, Design, Deployment, maintenance and Testing of Windows and web-based applications using Golang.
* Extensive working experience with Agile (Scrum), Test-driven development (TDD) and Waterfall methodologies.
* Expertise in implementing REST API’s and Microservices using advanced concepts in Go like Channels, goroutines and various other concepts.
* Experience in developing microservice as a suite of small services running in its own process and communicating with lightweight mechanisms using Golang.
* Experience in Migrating the applications to cloud using lambda to automatically manage resources and Used AWS lambda function handler using Go.
* Experienced in working on Angular.js bootstrap, JSON, REST API, mobile based development, framework\DOM frameworks (jQuery) and developed application.
* Implemented modules into Node JS to integrate with designs and requirements.
* Developed rich and complex Responsive Web User Interface using HTML, JavaScript, CSS3, XML, and Bootstrap.
* Proven knowledge in one or more NoSQL Document Store databases such as MongoDB, Cassandra.
* Experienced in working with modules like MongoDB and mongoose for database persistence to interact with MongoDB.
* Experience with CI (Continuous Integration) and CD (Continuous Deployment) methodologies using Jenkins.
* Built Continuous Integration environment Jenkins and Continuous delivery environment. Worked with Docker container snapshots.
* Virtualized the servers using Docker for the test environments and dev-environments needs, also configuration automation using Docker containers.
* Experienced in working with Apache Kafka used for building real-time data pipelines and streaming apps.
* Experienced in developing and troubleshooting Web based and enterprise-based applications on Windows, UNIX, and Linux platforms.
* Experience with different Bug tracking tools like JIRA, Rally.
* Experience in using GIT, Bitbucket and SVN for version controlling.

**EDUCATION:**

* (BS) Bachelor of Science in Computers, Southwest Minnesota State University.

**PROFESSIONAL EXPERIENCE:**

**Oct 2019 – Present**

**Centene, Charlotte, NC**

**Golang Developer**

* Involved in the complete SDLC (software development life cycle) of the application from requirement analysis to testing.
* Followed Agile Methodology in analyse, define, and document the application, which will support functional and business requirements. Coordinate these efforts with Functional Architects.
* Strong working knowledge in developing Restful webservices and Micro Services using Golang.
* Implemented REST services by Golang with microservices architecture using frameworks like gorilla mux, godep and gorm.
* Developed new RESTful API services that work as a middleware between our application and third-party APIs that we will used using Golang.
* Using GO, developed a microservice for reading large volume of data(millions) from PostgreSQL database.
* Experience writing data APIs and multi-server applications to meet product needs using Golang.
* Experience in writing the HTTP RESTful Web services and SOAP API's in Golang.
* Designed, Configured, and deployed Amazon Web Services (AWS) for a multitude of applications utilizing the Amazon cloud formation.
* Extensively used Core Java 1.8 concepts and implemented Collections, I/O, Exception Handling and Generics in logic design and development.
* Developed the UI using HTML5, CSS3, JSP and JavaScript for interactive cross browser functionality and complex user interface.
* Involved in designing the client-side module architecture based on new Angular 2/4 Framework
* Used Jersey to implement Restful Web Service and used JSON form to transfer the data.
* Designed and developed the REST based Micro Services using the Spring Boot and Spring Cloud.
* Used Rest Controllers to replace the existing operations layer, which acts as bridge between business layer and the UI.
* Used MongoDB as data storage and utilized aspects like replica sets, sharing and clever document design to make service extensible scale and feature wise.
* Developed Unit Test Cases, Used JUnit for unit testing of the application.
* Setting up the automatic build and deployment automation of project by using JENKINS and Maven.
* Experience on implementation of version control software GIT repositories.
* Provided Technical support for production environments resolving the issues, analysing the defects, providing, and implementing the solution defects.

**July 2018 – Oct 2019**

**SiriusXM, Bloomington, IN**

**Golang Developer**

* Involved in all stages of Software development life cycle including Analysis, development, Implementation, testing and support.
* Developed RESTful web services utilizing business logic for CRUD functionality using Go.
* Involved in development of user interfaces using HTML5, CSS3, jQuery, JavaScript.
* Involved in writing a code to call the services through Rest Api’s of Azure.
* Developing applications using Golang. Worked on a Command line tool to interact with RESTful API using Golang.
* Developed Micro services using Go language and developed corresponding test cases.
* Created Typescript reusable components and services to consume REST APIs using Component-based

architecture provided by AngularJS.

* Directly involved in writing a code for logging mechanisms for saving all activities into log files in four different categories like info, debug, warn, error and archiving daily logs to specific storage location.
* Worked on various Golang packages and used those packages at run time by pulling it from Artifactory.
* Participated in Code Reviews and provide inputs accordingly.
* Used Postman to test the Rest API we created for the Hybrid cloud Management Tool.
* Wrote code for implantation of jobs which will update database with cloud environment.
* Worked on big data analytics platform, which integrates multiple projects user activity statistics in a single dashboard using Golang.
* Worked on configuring Rest API's and Web API's and troubleshooting issues.
* Wrote a Restful API and handle the database from AWS redshift and MySQL.
* Good knowledge in automation of the release and deploy configuration management to different environments like QA, UAT and production.
* Performed user acceptance testing (UAT) to validate user requirements and expectation.

**May 2017 – Jun 2018**

**JCB, Bentonville, AR**

**Golang/Java Developer,**

* Worked in development of applications in Linux environment and familiar with most of its commands.
* Built the web application by using Golang, ReactJS, REDIS, PostgreSQL and designed the front end of the application using HTML and CSS.
* Developed microservices in Golang to process various data from another db. like MySQL, Redis etc.
* Developed new packages for the common functionalities using Golang.
* Worked to Improve existing microservices that the infrastructure uses by redesigning the data pipelines.
* Designed configurable REST APIs on demand using Go. Worked on numerous go frameworks.
* Worked with Structs and Interfaces in Golang for manipulating and looping through different user-defined objects.
* Defined different REST API profiling techniques for faster rendering information.
* Worked on the creating multiple services interacting with each other using RESTful endpoints with JSON as data exchange format.
* Worked with design and development of presentation layer for web applications using technologies like HTML, CSS, and JavaScript.
* Designed and developed the application using Angular framework with HTML5, CSS3, Type Script, Java

Script, Bootstrap, Node.js, NPM. Upgraded existing UI with HTML, CSS.

* Good working knowledge in SQL queries for performing various CRUD operations like create, update, read and delete.
* Worked in MySQL database on simple queries and writing Stored Procedures for normalization and renormalization.
* Wrote the test cases with testify which follows a BDD testing framework.
* Integrated Jenkins to git where the build triggers automatically when we push a PR for CI/CD.
* Created Docker images using a Docker file, worked on Docker container snapshots, removing images.
* Worked on Kubernetes to manage containerized applications. Implemented various forms of replication in MySQL server environments.
* Worked on Jira for managing the tasks and improving the individual performance

**June 2015 – Apr 2017**

**Progressive Insurance, Cleveland, OH**

**Java Developer**

* Excel at developing and implementing reporting and data solutions, including custom user interfaces.
* In-depth understanding of all stages of software development life cycle (SDLC).
* Implemented the service projects on Agile Methodology and involved in running the scrum meetings.
* Experience and actively involved in Requirement gathering, Analysis, Design, Reviews, Coding, Code Reviews, Unit, and Integration Testing.
* Hands on experience in working with Collections, Exception Handling and Multithreading.
* Developed JSP, HTML, CSS and a part of presentation layer using JavaScript.
* Designed different design specifications for application development that includes front-end, back-end using design patterns.
* Developed and Consumed REST based Web Services using REST based Web Services.
* Used JavaScript for Client-side validations.
* Involved in requirement gathering, designing, development, UI reviews, and maintenance. Designed

and developed the portal using framework AngularJS along with Typescript

* Involved in Use Case analysis and developing User Interface using HTML.
* Created use-case specs & detailed process flows for bill delivery line of business, customer DSL service suspensions etc.
* Good Knowledge on Test Driven Development.
* Worked with team member in UNIX Shell Scripts for building, packaging, and installing the application in the server.
* Designed user-interface and checking validations using JavaScript.
* Developed and executed test plans and test cases for different Applications Libraries releases.

**Jan 2013 – May 2014**

**Mattel, San Diego, CA**

**Java Developer**

* Involved in designing use cases with the help of business analyst team and developed technical requirement documents. Helped the client project management team to identify the suitable technology and tools required for the projects.
* Implemented J2EE Design Patterns like MVC, Service Locator, Session Facade and the persistence layer using Hibernate-ORM.
* Developed Web Services to consume those Web Services as well other enterprise-wide Web Services.
* Developed several REST web services supporting both XML and JSON to perform tasks. REST web services leveraged by both web and mobile applications. Prepared technical artefacts including UML Class diagrams, Sequence diagrams etc., using Rational Rose.
* Developed the UI Screens using JSP, Struts, HTML, CSS, JavaScript and did the client-side validation with the JavaScript.
* Designed User Interface using Java Server Faces (JSF), HTML, CSS3, jQuery and AngularJS and XML in a responsive grid layout.
* Designed and developed the UI layer using JAVA 1.5, JSP1.1 and Struts2.
* Used Spring Framework for developing the application and used JDBC to map to Oracle database.
* Used AngularJS for the two-way databinding allowing auto synchronization of models and views
* Use of SOAP UI to verify the WSDL end point URL.
* Used Connection Pooling to get JDBC connection and access database procedures.
* Extensive use of Collection Framework features like Map, Object, List to retrieve the data from Web Service, manipulate the data to incorporate Business Logic and save the data to Oracle database.
* Used Multithreading to simultaneously process tables as and when a specific user data is completed in one table.
* Wrote various SQL, PL/SQL queries and stored procedures for data retrieval.
* Wrote UNIX Shell scripts and used UNIX environment to deploy the EAR and read the logs and JavaScript was used for the client-side validations.
* Used JBOSS and Tomcat for application deployment and stage testing and Created Junit test cases to test the codes and validate the release.

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