**Romit Tajale**

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**Summary:**

• 9+ years of experience in Software Development Life Cycle including development, testing, debugging, and deployment of web applications using Java & Golang technologies.

• Experienced in Creating Domain Model, Activity Diagrams, Use Case diagrams, class diagrams, sequence diagrams and Object Model.

• Experience in Writing and testing Code and Microservices using open-source frameworks in Golang and Java.

• Hands-on experience in Boost STL containers, Design Patterns, Socket programming, Multithreading, GO Procs and GO containers.

• Hands-on experience with Continuous Integration (CI) and Continuous Deployment (CD) tools Jenkins, Gitlab, terraform to deploy our application to AWS.

• Knowledge on Prometheus and Grafana to identify Kafka message failure scenarios.

• Comprehensive knowledge of J2EE standard’s and compatible application servers Tomcat, JBoss, WebSphere and Glassfish.

• Experience in using ANT & Maven to compile, package and deploy the components to the Application Servers.

• Proficient in using Amazon Web Services like EC2, VPC, CloudWatch, CloudFront, Cloud Formation, IAM, S3, Amazon RDS, Elastic Cache, SNS, SQS.

• Good experience with Docker containerization and Kubernetes.

• Proficient in using static analysis tools like CppCheck, Coverity and handling severe bugs before production release.

• Experience in working on several Docker components like Docker images, Docker Engine, Hub, Machine, Compose and Docker registry.

• Working knowledge of relational databases involved in application development using several RDBMS like MS SQL Server, Oracle and MySQL.

• Experience with Amazon Web Services and cloud-based infrastructure tools & components EC2, S3, Virtual Private Cloud (VPC), and Elastic Load Balancing (ELB).

• Experience with GO Routine to start with design and get to deployable production systems including scale monitoring and instrumentation platform.

• Experience in Test Driven Development and Agile methodologies like SCRUM.

**Technical Skills:**

Languages: Java, Shell, Golang

Operating Systems: Windows, Linux, UNIX

Databases: Oracle, MS SQL Server, MongoDB, Postgres.

Tools: VsCode, IntelliJ, Emacs, Eclipse, UML, MS-Office , excel, Splunk, JIRA, Dbeaver, Kibana

Version Controls: GIT/GitHub, SVN, bit-bucket

**Professional Experience:**

**Client: Direct TV – EL Segundo,CA August 2022 – Present**

**Golang/Micro Service Developer**

**Responsibilities:**

• Writing and updating Go code based on the requirements and writing unit test using testify/suites package.

• Testing code changes and regression testing in the staging environment and deploy and validating changes in the production environment.

• Handling production issues by going through CLOUD WATCH and recreating the instance in the staging environment.

• Worked in an AWS sandbox account for development and testing services.

• Worked on deployment services (Lambda) and RDS, DynamoDB (NoSQL), Beanstalk, SQS and Jenkins CI/CD.

• Discussed the tech debt and created technical user stories and technical document for the applications.

• Worked as a production support to resolve any task related to the production issues.

• Use Terraform to build the lambdas and deploy into dev/test and production environment.

• Worked on Kibana for tracking the data and checking the state of the data.

• Worked on AWS services (S3, AppSync, CloudWatch) and deployment services (Lambda) and RDS, SQS and Jenkins CICD.

• Created docker image for Microservices files to orchestrate applications using Kubernetes.

• Use of Docker and Kubernetes to manage micro services for development of continuous integration and continuous delivery.

• Used AWS EC2 to build secure, highly scalable and flexible systems to handle unexpected load bursts.

• Worked with complex SQL queries to generate the payload and also worked with inner joins, outer join, full join and like functionality.

**Professional Experience:**

**Client: Humana Inc – Kentucky, LOU Dec 2020 – July 2022**

**Golang Developer**

**Responsibilities:**

• Involved in complete SDLC from analysis through design, development, integration and testing phases following Agile/SCRUM methodology.

• Involved in designing UML and Sequence Diagrams using drawio to model the detail design of the functionalities.

• Worked on deployment services (Lambda) and RDS, DynamoDB (NoSQL), Beanstalk, SQS and Jenkins CI/CD.

• Implementing the routing technique in Golang using Gin as request router and dispatcher for matching incoming requests to their respective handler

• Developed Golang software for user authentication and user authorization.

• Implemented JWT to validate the request between services.

• Implemented and integrated SSO package in the server side for the al the applications.

• Discussed the tech debt and created technical user stories and technical document for the applications.

• Integrated database clients in order to communicate and store the processed data in the respected database.

• Developed the automated unit test cases for the Microservices and deployed them in the Azure pipeline.

• Developed Golang software to handle concurrent data collection and processing with goroutines and channels for a Kafka Message bus.

• Implemented TLS certification throughout the application to communicate between the trusted services.

• Created Mongo collection to store the data in the JSON format.

• Integrated application with using an extended API call.

• Implemented stage deletion in CLI using Golang & ran Docker Command Line Interface.

• Analyzing and discussion the technical logic to implement in the code based.

• Created database objects like tables, views, procedures and packages using Oracle tools like Toad and SQL Developer.

• Developed multiple services in Linux machines and built and deployed application in Linux machines.

• Optimized the Go code using goroutines.

**Client: Seattle Genetics – Seattle, WA Feb 2019 – Nov 2020**

**Golang Developer**

**Responsibilities:**

• Involved in complete SDLC from analysis through design, development, integration and testing phases following Agile/SCRUM methodology.

• Involved in designing UML and Sequence Diagrams using MS Visio to model the detail design of the application.

• Developed Golang software to handle concurrent data collection and processing with Goroutines and Channels.

• Worked with ORM's like Sequelize and GORM to perform DB operations using Node and Golang respectively.

• Used STL to store data on Order history, accounts, securities for fast retrievals & updates.

• Built enterprise wide DNS historical data trending analysis tools in Golang with REST API for user queries as Microservices.

• Worked with database development in both SQL (MSSQL, PostgreSQL/PL/SQL, MySQL) and NoSQL (MongoDB).

• Responsible for setting up Jenkins CI/CD pipelines for all the Go repos. and written Jenkinsfile scripts to automate the build and deployment on commit

• Closely worked with the Kafka Admin team in setting up Kafka clusters on QA and Production environments.

• Developed communication protocols like FIX over TCP/IP, SSL/TLS, HTTP for the app.

• Migrated legacy application code to be compatible to integrated with third party applications using API calls.

• Used sockets for communication with vendor API for POS systems.

• Implemented stage deletion in CLI using Golang & ran Docker Command Line Interface.

• Worked on Setting up scalability for application servers using Command Line Interface (CLI) and administering DNS system in AWS.

• Developed the Python automated scripting using Boto3 library for AWS Security audit and reporting using AWS Lambda for multiple AWS Accounts.

• Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.

• Created docker image for Microservices files to orchestrate applications using Kubernetes.

• Optimized the Go code using goroutines. Experience building Listener on Rabbit MQ erlang.

• Implementing the routing technique in Golang using Gorilla mux as request router and dispatcher for matching incoming requests to their respective handler

• Created database objects like tables, views, procedures and packages using Oracle tools like Toad and SQL Developer.

• Created PDF reports in Golang with XML & Oracle to send End Users On-Demand reports.

• Developed debugged Go Golang plugins for GoCD pipelines.

**Client: BMO Harris Bank, Chicago, IL Nov 2016 – Dec 2018**

**JAVA Developer**

**Responsibilities:**

• Worked on the SDLC phases including Requirements gathering, developing, testing, and then implementing the design.

• Developed UML diagrams (Class diagrams, Activity diagrams, Sequence diagrams) as part of design documentation and other system documentation using Rational Rose.

• Used Struts Framework in conjunction with JSP and Tag Libraries used in developing user Interface for administrative screens and user interaction screens.

• Developed Session Beans for necessary transactions like fetching the data required, updating the customer information.

• Developed rich UI pages using HTML4, CSS, JavaScript, Bootstrap and created controllers, routes, directives, filters, factories and views in AngularJS.

• Created HTML4 navigation menu that is role based wherein menu items changes dynamically based on the values derived from the database in the form of XML.

• Created DHTML pages for front-end, used Struts, JavaScript & Ajax for client-side validation.

• Designing Data Mapping XML documents that are utilized by Hibernate, to call stored procedures. Responsible for Writing HQL.

• Involved in developing the service classes and developed web services using JAX-WS to make use of existing services.

• Involved in creation of both service and client code for JAX-WS and used SOAP UI to generate proxy code from the WSDL to consume the remote service.

• Used EJB Message Drive Beans to initialize daily process and JMS to publish messages on to the queue after the process.

• Good understanding knowledge on configuring nosql databases like mongo dB and Cassandra.

• Implemented PL/SQL queries and used Oracle stored procedures, and built-in functions to retrieve and update data from the databases.

• Build and deployed WAR file in WebSphere application server.

• Implemented Log4J for Logging Errors, debugging and tracking using loggers, appenders components.

• Used Eclipse as IDE for developing and debugging the application.

**Cooperative Training and Division office, Kaski, Nepal August 2013 – April 2015**

**Java Developer**

**Responsibility:**

● Developed and design the application.

● Design and developed the database.

● Design web application from scratch where more than 300+ cooperative firms can update their transaction

into the system.

● Data processing and generating financial reports for the government and Central Bank of Nepal.

● Developed using Java, Java Servlet, JSP, HTML, Ajax, CSS, JavaScript.

● Developed application using MVC design pattern.

● Develop application parallel synchronizing the data with legacy system.

● Worked on all three-layer backend, middle tire, business tire and front end.

● Application workflow and database design.

● Worked on optimization of code which result on performance.

● Developed on Apache Tomcat environment.

● Followed Agile methodology for development of application.

Environment: J2EE, Core Java, JSP, PL/SQL, Servlets, Oracle, Tomcat Server, Data Structures, MySQL, HTML,

NRB Nepal Bank, Kathmandu, Nepal

**Education:**

Bachelor’s in Computer Science, Southwest Minnesota State University, Marshall, MN