**Shreyas Bengalore**

Go Developer

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***Professional Summary***

* Around 6+ years of work experience in all phases of Software Development Life Cycle (SDLC) including Planning and Analysis, Software Design, Development, Testing, Maintenance, Enhancement using Go and Java.
* Hands-on expertise in developing micro services using Golang.
* Strong knowledge of GO's template and router packages such as Gorilla Mux and Beego.
* Used dependency management tools such as Godep and GO Modules.
* Hands-on experience with Kafka consumer and producer APIs.
* Skilled and experienced in using gRPC, Protocol Buffers in Golang.
* Good experience in writing docker files for Go microservice and worked on deploying them using Kubernetes.
* Setup Rancher management platform with Kubernetes as the orchestration framework for running Docker containers in all environments.
* Developed scripts for automating cloud infrastructure provisioning using Terraform.
* Good knowledge and experience in using Elastic Search, Kibana, Prometheus, Grafana for logging and monitoring.
* Experience in generating code using Go-Swagger with Open API specifications.
* Hands-on experience working with drivers to perform tasks such as CRUD operations and writing complex queries with SQL (Oracle, PostgreSQL, and MySQL) and NoSQL (MongoDB, Dynamo DB, Cosmos DB, and Cassandra).
* Good working experience in Cloud Computing services like Amazon Web Services (AWS) and Azure.
* Excellent experience with source version control tools such as Git, Bitbucket, and SVN.
* Experienced with Continuous Integration and Continuous delivery tools (CI/CD) like Bamboo, Jenkins, Hudson, and Nexus.
* Experience in web-based GUI development using React, Angular, Typescript, HTML, JavaScript, CSS, JQUERY, Angular, Bootstrap, Ajax, JSON, and XML.
* Experience in building stable and maintainable codebases using React.
* Good hands-on experience in Linux and Shell-Script commands.
* Experience in writing Unit tests and Integration tests for testing purpose.
* Working knowledge of Smoke Testing, backend Testing, Black-Box Testing, User Acceptance Testing (UAT), and Functional Testing.
* Proficient in Development methodologies like Agile, having two-week sprint planning, daily standups, story grooming, and story demo.

***Technical Skills***

Languages: Go, Python, Java, R

Databases: MySQL, PostgreSQL, MongoDB,

Web Technologies: HTML, CSS, Angular, React, TypeScript, JavaScript, SOAP, REST, JSON, XML

Cloud Technologies: Amazon Web Services (AWS) and Azure

Version Control: Bitbucket, Gitlab, GitHub, SVN

Defect Tracking: JIRA, Rally

Deployment Technologies: Docker, Kubernetes, Terraform, Jenkins

Monitoring Tools: Grafana, Prometheus

Operating Systems: MacOS, Linux, Windows



***Professional Experience***

***HP, Dallas, TX***

***Feb 2021 – Till Date***

Go Developer

* Developed a microservice which consumes data from the Kafka and stores it into a database using go-kit framework.
* Used mongo driver package to perform CRUD operations from MongoDB.
* Designed APIs in Go using gRPC and Protocol Buffers.
* Integrated Swagger UI and GO Swagger for dynamic API documentation and testing the microservices.
* Created docker image for microservice files to orchestrate applications using Kubernetes.
* Worked on the monitoring tools and visualization tools like Prometheus and Grafana and monitoring the Kubernetes pod metrics in regular intervals of time.
* Hands on experience on consul tool for discovering and configuring services in the infrastructure by providing several key features.
* Worked on Unit Testing and used packages like testify and gingko/gomega.
* Developed user interface by writing components and services using Angular.
* Responsible for setting up the CI in such a way that it runs all the test cases and checks for lint and formatting issues.
* Used JIRA for issue and bug tracking and Bitbucket for Source Code Management.
* Monitored the tickets, investigated them based on priority, fixed them, and deployed them in production.
* Performed troubleshooting on the application and database issues in Production and resolved them below the SLA timelines.

**Environment**: Golang, gRPC, MongoDB, Jira, Bitbucket, Jenkins, Visual Studio Code, Kubernetes, Git, Prometheus, Grafana

***PayPal, San Jose, CA***

***Sep 2019 – Jan 2021***

Go Developer

* Designed configurable REST APIs on demand using Go frameworks like gin.
* Worked on Multiple AWS instances, set the security groups, Elastic Load Balancer and auto scaling to design cost effective, fault tolerant and available systems
* Developed API for using AWS Lambda to manage the servers and run the code in AWS
* Deployed Golang applications in Docker containers to AWS machine images, automated build and deployment process for Microservices.
* Worked on core AWS services such as EC2 instances and services in AWS auto-scaling and Cloud Formation.
* Involved in building high Performance APIs In Go Using gRPC And Protocol Buffers
* Developed services using AWS SNS and SQS to publish and subscribe messages from Kafka topics as per business needs.
* Experience building APIs and multi-server applications to meet product needs using Golang.
* Created docker image for microservices files to orchestrate applications using Kubernetes.
* Used Angular HTTP services to fetch data from the backend and process the data on the front end.
* Used react HTTP Request to read data from web servers and process JSON data to render the UI
* Worked on Unit Testing and used packages like testify and gingko/gomega.
* Agile/SCRUM was used as the project management methodology and JIRA & Confluence were the tools used to keep track of development activities.

**Environment**: Golang, MongoDB, AWS SQS, AWS SNS, GitHub, AWS Lambda and IAM, Docker, Jenkins, Kubernetes

***Stelis BioPharma, India***

***Jun 2017 – Jul 2019***

Java/Go Developer

* Analyzed and enhanced the existing application. Involved in meeting with business stakeholders to discuss the required features to be implemented.
* Changed existing features of applications from Java to Golang for better performance.
* Containerized applications using Docker: Created docker files, built docker images for microservices.
* Developed application using the spring framework by utilizing its features like Spring Dependency injection.
* Worked on Spring MVC application with XML configurations and annotations.
* Actively involved in coding using Java 1.7, spring to develop features from end to end.
* Developed Data Access Layer using the Hibernate ORM framework.
* Used Hibernate to retrieve data from the database and integrated with Spring MVC to interact with the back-end persistence system (Oracle11g).
* Utilized core J2EE design patterns such as DTO (Data Transfer Object) in the implementation of the services.
* Involved in the development of Restful Web Services using spring.
* Developed Maven scripts and developed builds using Maven and continuous integration servers as Jenkins.
* Used JIRA to Manage and track the issues reported by QA and prioritize and act based on the severity.
* Actively involved in doing Code Reviews, Code Re-factoring, Security audits, Performance tuning and troubleshooting.

**Environment**: Golang, Java 1.7, Hibernate, Spring, Hibernate, JSP, HTML, CSS, JavaScript, jQuery, Web Sphere Application Server, Maven, Web Services, JUnit, Eclipse, Oracle 0g/11g, GIT, JIRA, and XML.

***Byteridge, India***

***Oct 2015 – Apr 2017***

Java Developer

* The application is designed using J2EE design patterns and technologies based on MVC architecture
* Involved in various phases of Software Development Life Cycle (SDLC) and Agile methodology is used for development of the application.
* Used J2EE design patterns like Value Object Pattern, Session Façade, Singleton, Factory and DAO.
* Created Stored Procedures & Functions. Used JDBC to process database calls for Db2 Server database.
* Involved in writing PL/SQL Stored Procedures, Functions, Triggers and Views for SQL database.
* Developed back-end interfaces using PL/SQL packages, stored procedures, functions, procedures, anonymous PL/SQL programs, Cursor management, Exception Handling in PL/SQL programs.
* Implemented various features of Spring such as Dependency Injection, IOC, Annotations
* Developed the application using Spring Framework that leverages the classical Model-View-Controller (MVC) architecture.
* Developed JSTL custom tags to support custom user interfaces.
* Used Spring Security framework to setup authentication and authorization for the application using firm wide single sign on.
* Implemented Service Oriented Architecture (SOA) and web services using SOAP with JAX-WS.
* Used SOAP for transmission of large blocks of XML data over HTTP.
* Wrote Unit test cases using JUnit & Mockito framework.
* Used ANT for automated build and deployment on IBM WebSphere.
* Handled Java Multi-threading part in back-end component, one thread will be running for each user, which serves that user.

**Environment**: Db2, PL/SQL, Spring IOC, JSP, JSTL, Spring Security, SOA, SOAP, JAX-WS, IBM MQ, JUnit, Mockito, ANT, IBM WebSphere, J2EE.