**Sumit Patel**

**Software /Golang Developer**

**Professional Summary**

* Highly motivated and Skilled Professional with having 7 years of IT experience in all phases of SDLC, like Requirement Analysis, Design, Development, Testing, and Implementation.
* Over 2.5+ years of experience in **Golang.** Expertise in coding and problem-solving skills with ability to work as Developer.
* Expert in Golang with a strong understanding of Channels, goroutines, Interfaces, Garbage Collector, Event handling and Exception handling.
* Experienced in Implementing microservices using the Domain given design to develop the largescale backend infrastructure.
* Experience in consuming RESTful web services and built REST Api’s using Gorilla framework in Golang.
* Experience on Key AWS services such as EC2 instances, S3 bucket, Cassandra DB (NoSQL) and Lambda.
* Experienced with container orchestration such as Docker Swarm and Kubernetes.
* Experienced in Installing, Configuring and Managing Docker Containers, Docker Images for Web Servers and Applications servers.
* Experience in working with Apache Kafka message brokers and worked with Kafka cluster.
* Experience in making the Devops pipelines using OpenShift for the Microservices Architecture.
* Good Understanding and implementation experience of CI/CD pipeline, automation programmatically by creating Jenkins jobs and pipelines.
* Experience with NoSQL dB’s like Mongo, Cassandra and Postgres. Experience in writing database objects like Stored Procedures, Functions, for Oracle and MySQL.
* Good communication & interpersonal skills and self-motivated, hardworking individual and has ability to work in team and independently in any environment.

**Work Experience**

**Golang Developer –Comcast May 2018 – Present**

**Philadelphia, PA**

**Responsibilities:**

* Involved in implementation of procedures for gathering the requirements from clients for solution demonstrations.
* Involved in technical meetings with developers and architect before starting the development of the microservices.
* Developed Microservices using Golang. Writing test cases and testing the microservices. Bug fixing and troubleshooting using gotest.
* Developed RESTful APIs using Microservice architecture interacting through a combination of Apache Kafka.
* Worked with Kafka Cluster using Zookeeper
* Created RESTFUL webservices for refreshing the cache memory of the data.
* Responsible for RESTful back end and moderation system using Cassandra DB.
* Developed REST API's using Golang and Gorilla framework, hosted all microservices. Developed Rest Api to processes the data from Cassandra DB to another Rest Service.
* Developed micro-services using Restful service interface and used Spring Rest Controllers to serve
with JSON data.
* Worked on installing, configuring and managing Docker Containers, Docker Images for Web Servers and Applications servers.
* Created docker files and images for various micro- services, then used Jenkins to build and push the generated docker images to Docker Hub.
* Worked on Jenkins to build CI/CD pipelines and to automate our Build and Release process.
* Actively involved in code reviews and in bug fixing using JIRA as bug tracking tool.

**Environment:** Golang, Python, SQL, Eclipse, GIT, Docker, Configuration management, Redis, Jenkins, Splunk, JIRA, AWS.

**Golang Developer – HP Aug 2017 – April 2018**

**Concord, NH**

**Responsibilities:**

* Involved in implementation of procedures for gathering the requirements from clients for solution demonstrations.
* Developed microservices in Golang to process the data from Kafka and other databases like MySQL and MongoDB.
* Developed a strategy to Improve existing microservices that the infrastructure uses by redesigning the data pipelines.
* Wrote mongo migration scripts to migrate data and substantially increased the performance of the services.
* Rewrote various microservices which needed more throughput and less latency from other language to Golang and achieved a huge increase in throughput and huge reduction in memory usage.
* Assisted other developers in following best practices for Golang and assisted with various infrastructure needs.
* Wrote the test cases within built go test package which follows a BDD testing framework and increased the code coverage.
* 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.
* Created private cloud using Kubernetes that supports DEV, TEST, and PROD environments.
* Developed and deployed web applications on AWS at the dev, production levels.
* Implemented various forms of replication in MySQL server environments

**Environment:** Golang, Java, Shell, SQL, Eclipse, GIT, Docker, Configuration management, Tomcat, Apache, Jenkins, JIRA.

**Java Developer – Lincoln Financial Services Jan 2016 – Aug 2017**

**San Ramon, CA**

**Responsibilities:**

* Followed Agile methodology and SCRUM meetings to track, optimize and developed sequence diagrams depicting method interactions.
* Involved in Analysis, Design, Development, Integration and Testing of application modules using AGILE (SCRUM) methodology.
* Developed the application using Struts Framework with respect to Model View Controller architecture.
* Developed Struts Action and Action Form Java classes as needed, added information to the struts-config.xml configuration file to fit a given page into the flow of the application.
* Extensively used JavaScript, J Query, AJAX and ANGULARJS technologies to build dynamic web contents with high performance.
* Generated Use case diagrams, Class diagrams, and Sequence diagrams using Rational Rose.
* Developed the UI Screens using JSP, JavaScript and HTML and did the client-side validation with the JavaScript.
* Analyzed and translated use case-based requirements into design and constructed various UML artifacts such as Class diagrams, Sequence diagrams, Activity diagrams, Data Model and View of participating classes and VO's using Enterprise Architect tool.
* Involved in the database design and development using IBM DB2. Created SQL scripts for efficient data access.
* Designed Database and wrote SQL queries and Stored Procedures for interacting with the Oracle database
* Extensively used Core Java such as Multi-Threading, Exceptions, and Collections etc. in Application.

**Environment:** Java, J2EE, JSP, Spring SOAP, Restful Web services, Jersey, Axis, Hibernate, Servlets, JSTL, HTML, CSS, XML

**Java Developer - Geek Sale Oct 2013 – Dec 2015**

**Pittsburgh, PA**

**Responsibilities:**

* Actively joined in Daily Scrum meetings, Sprint planning and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
* Implemented RESTful single page application (SPA) with Angular 2.0, which integrated components like directives, controllers, view, routing, dived deep into Components and Databinding.
* Within Angular application, used HTML 5, CSS3, JavaScript, Bootstrap3 and jQuery to develop and design pages of each component.
* Involved in developing Java APIs, which communicates with the Java Beans.
* Implemented persistence layer with ORM technology by Spring-Data-Mongo to persist with MongoDB
database and created complex native Criteria query to avoid some of the restrict.
* Used Eclipse as IDE tool to develop the application and Log4j for warning information and issue tracking.

**Environment:** Java 7, J2EE, JSP, Servlets, HTML5, CSS, XML, JavaScript, Eclipse 4.2, Struts, java SDK 1.4.

**Education Details**

* Bs in Computer Science – University of New Hampshire.