Mubashir Qadeer

Golang Developer

INDUSTRY EXPERTISE & TECHNOLOGIES

Golang – DevOps – Linux – Git – GitHub – Docker – Kubernetes – Minikube – MySQL – PostgreSQL – MongoDB – DynamoDB – Molecular Modeling Database – Socket – NSQ – Schema Development – Amazon Cognito – Amazon Lambdas – Amazon SES – Amazon CodeBuild – Amazon RDS – Amazon S3 Bucket – Amazon EC2 – Amazon Serverless – Heroku – Linode – Firebase – Supabase – IPFS – GRPC – GraphQL – JWT – Redis – Crons – Testing – API Rest – Postman – Swagger UI – GUI

EXPERIENCE

Highly skilled Go developer with experience in developing, and maintaining software applications. I have experience using Go to develop a variety of applications including **web services, and microservice.**

- Experience writing data APIs and multi-server applications to meet product needs using golang.
- Experience in different frameworks of golang like **Echo**, **Gin**, **Gorilla/mux**, and **GRPC**.
- Experience writing the HTTP Restful APIs web services and **SOAP APIs** in Golang.
- Integrated **Jerkins** to **Git** where the build triggers automatically when we push a pull request for CI/CD.
- Good understanding of **Design Patterns**, **Multithreading** and GO containers. Well-versed in using **Channels** and **Goroutines**.
- Experience in Dockerizing full applications.
- Containerized applications using **Docker**: Create docker files, and build docker images for **microservices** to run on the **Kubernetes** platform.
- Produced and consumed Restful web services using **Postman**, and **Swagger UI** to interact with different applications.
- Design database **schemas** with complex entity relationships. Have experience in **Agile**.
- Experience in **peer to peer** for uploading and retrieving.
- Experience in **deployment** for all **environments**. **Deployment** through **Docker**, **Kubernetes** in **AWS** and **Linode**. Also, do deployment through **AWS lambda** using a **Serverless framework**.
- Experience in generating **Molecular Modeling Database** files for data like CSV files.
- Experience in **Crons** which run/executed scheduled tasks at specific times or intervals.

In addition to my technical expertise, I am also a strong

EDUCATION

Under graduation in Computer Sciences
COMSATS University Islamabad (CUI)

Intermediate
Punjab Group of Colleges

Matriculation
Sir Syed College Wah Cantt

Primary Schooling
Sir Syed College Wah Cantt

LANGUAGES

- **English – Expert (Fluent)**

- **Urdu - Native**

problem-solver and enjoy working on complex projects. I have experience collaborating with other developers on large-scale projects and am comfortable working in a team environment. I am also familiar with standard tools and practices in the Go ecosystem, such as version control with Git, testing with the testing package, and continuous integration with tools like Git.

Overall, I am a skilled and experienced Go developer who is committed to producing high-quality software using the latest tools and techniques in the Go ecosystem.

Golang Developer – *CapregSoft*

📅 July 2021 – Present

- Developed **NFT** website back-end from scratch considering the infrastructure to handle millions of users consisting of the combination of the back-end in **Golang** with using **Echo** Framework with **database** AWS RDS(PostgreSQL), **IPFS**, **Redis**(Cache), **Swagger UI**, **Crons**, **Docker**, **AWS S3 Bucket**, **deployment** on AWS lambda with Serverless.

- Developed a complete **management system site** & **app** back-end (**Lot_Vector**) from scratch considering the infrastructure to handle millions of users consisting of the combination of the back-end in **Golang** with using **Gin** Framework with **database** AWS RDS(PostgreSQL), **Docker**, **deployment** on AWS lambda with Serverless.

- Develop package **IP_Locator** in **Golang** and **deploy** on AWS lambda with Serverless.

- Developed the **Golang** project for generating **Molecular Modeling Database** files from **CSV** files.

- Developed **GUI-based** project **Discovery Tool** for **Windows** and **Linux** which detect the **active subnet** of the localhost and run multiple scripts and find all **IP Address** with all **Ports** and **System details**. Store all details in a **CSV** file and upload it to **Pastebin**.

- Developed **Scraper** for **NFT** in **Golang** which gets **Owners** and their all **NFT details** and stores them in the **Subabase database** PostgreSQL by automatically creating separate **Schema** and table for a specific owner. Also, **Dockerize** this scraper and **deployment** on **Linode**

using **Kubernetes**.

- Developed **Golang** package named as **Hawqal** from scratch, having functionality to get all the **world's** countries, cities and states data. This package also involves many more functionalities like to only fetch those cities related to the specific country and vise versa.

- Developed the complete back-end for the Pvt. Ltd Company (CapregSoft) **website** in **Golang**. Including web server requesting and **deployment** on Amazon Web Services using **S3 buckets, RDS** and many other services in AWS.

- Managing all the **DevOps** setup, configurations, deployments and scaling of the web applications on AWS.