Mubashir Qadeer

Golang developer

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Skills

Languages & Frameworks: Golang, Echo, Gin, Gorilla/mux

Databases: PostgreSQL, MySQL, SQLite, MongoDB, Molecular Modeling Database, Cloud databases

Industry expertise/Technologies: Git/GitHub, Docker, Docker Compose, Kubernetes, Minikube, Socket, NSQ, AWS, Linode, Jenkins, CI/CD, Supabase, Vultr, Heroku, Firebase, IPFS, GRPC, GraphQL, Unit Testing, Schema Development, Swagger UI, Postman

Summary

Highly skilled Go developer with a proven track record of developing and maintaining software applications. Proficient in utilizing Golang to create diverse applications, including web services and microservices. Experienced in writing data APIs and multi-server applications, incorporating various Golang frameworks like Echo, Gin, Gorilla/mux, and GRPC. Adept at crafting HTTP Restful and SOAP APIs in Golang. Demonstrated expertise in Dockerizing applications, designing complex database schemas, and deploying on platforms like Kubernetes and AWS Lambda. A proactive problem-solver with a knack for collaborating within teams and applying industry best practices. Committed to delivering top-quality software solutions by harnessing cutting-edge tools and techniques in the Go ecosystem.

Education

COMSATS University Islamabad *Feb 2019 - Feb 2023*
- Bachelor of Science in Software Engineering
- CGPA : 3.15/4.00

Experience

CapregSoft (Private) Limited , Rawalpindi *Aug 2021 - Present*
Golang Developer

Leading the development of backend systems for NFT website, Mailavail website, management systems, and GUI-based projects. Architecting scalable infrastructure solutions to handle millions of users, using Golang in conjunction with frameworks like Echo and Gin. Expertly utilizing AWS services, Docker, Kubernetes, and Serverless deployment for optimal project execution.

Projects

NFT Website
- Developed NBuilt a robust backend from scratch, accommodating millions of users by integrating Golang with Echo Framework, AWS RDS (PostgreSQL), IPFS, Redis (Cache), and more.
- Implemented Swagger UI, Crons, Dockerization, and deployment on AWS Lambda with Serverless, ensuring seamless performance.

Lot Vector - CarLocator
- Developed a comprehensive backend for Lot_Vector, catering to large user volumes. Leveraged Golang, Gin Framework, AWS RDS (PostgreSQL), and Docker.
- Successfully deployed the system on AWS Lambda using Serverless architecture.

- **MailAvail**
  - Developed the Mailavail web application, designed to verify email existence and calculate email scores across various SMTP servers such as Gmail, Yahoo, and Outlook.
  - Created a comprehensive admin and user management system, integrating MySQL and MongoDB databases. Designed database schema and implemented backend APIs, consumers, and sockets from scratch.
  - Established deployment setups for different stages (prod, staging, dev) on servers, including the creation of a custom SMTP server.

- **CapregSoft Website**
  - Developed the complete backend for CapregSoft's website using Golang. Managed web server requests and deployed on AWS with S3 buckets and RDS.