

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

Experienced Go Developer with over 2 years of proven experience in creating different types of software. Skilled in using Golang for web services, small programs, and more. Knows how to build tools for handling data and using different frameworks like Echo, Gin, Gorilla/mux, and GRPC. Also good at using Docker, designing complex databases, and putting software on platforms like Kubernetes and AWS Lambda. Good at solving problems and working well in a team, always trying to make things better using the best ways we know.

Education

- **COMSATS University Islamabad** Feb 2020 - Feb 2024
 - 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.