

# Adil Farooque

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## GO DEVELOPER

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Self learned and experienced Golang developer with 1 year of industrial experience. Possesses a deep understanding of Go, REST API, SQL and NoSQL databases, gRPC, Docker, CICD, AWS, and more. Strong technical background in software development and passionate about building scalable and robust applications.

## SKILLS

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- Go Programming Language
- Databases: PostgreSQL, Redis
- Cloud Platforms: Amazon Web Services (AWS)
- Containerization: Docker
- API Design and Architectures: RESTful API, gRPC, Microservices

## EXPERIENCE

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**Go Developer**  
*Bridgeon*

*Calicut, Kerala*

- Developed a High Performance e-commerce backend API with Go
- Developed a Time Management App for Gaming Center backend API
- Worked in Docker and automated deployment with github actions.

## EDUCATION

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**Priyadarshani Arts and Science College Malappuram**  
*B.COM - Computer Application*

*Malappuram, Kerala, India*  
*August 2016 - July 2019*

## PROJECTS

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### E-commerce Backend REST API

*Go, REST, PostgreSQL, Git*

- Developed an E-commerce RESTful backend API using Go lang and leveraged the Gin library for efficient routing and request handling
- Utilized PostgreSQL as the database for seamless data storage and retrieval
- Implemented Swagger for comprehensive API documentation and testing, ensuring robustness and ease of integration.
- Hosted the application on AWS EC2 with nginx, ensuring reliable and scalable deployment. Additionally, Dockerized the application for improved portability and ease of deployment.

### gRPC Microservices Project

*Go, gRPC, Gin, Docker*

- Developed a scalable microservice project utilizing HTTP for client and API gateway communication, and gRPC for inter-service communication.
- Implemented four services: API gateway, authentication, order, and product, each serving specific functionalities.
- Leveraged PostgreSQL for efficient data storage, Dockerized the project for easy deployment and hosted it on AWS for scalability and high availability.

### Video Calling & Chatting App (WebRTC)

*Go, gRPC, Gin, Docker, s3, NATS*

- Build real-time video calling and chat platform using WebRTC.
- Implemented peer-to-peer: communication with secure WebSockets.
- Leveraged PostgreSQL for efficient data storage, Dockerized the project for easy deployment and hosted it on AWS for scalability and high availability.