

# MUBASHIR QADEER

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Goal-oriented backend developer with over 4 years of experience in designing, developing, and implementing multiple APIs, third-party integrations databases and software solutions. Strong problem-solving skills and ability to contribute to all phases of the software development life cycle. Seeking an opportunity to utilize my technical expertise and collaborate with a dynamic team to create innovative software applications that drive business growth.

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## EDUCATION

### COMSATS University Islamabad

Bachelor of Software Engineering ( Department of Computer Science )

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## STRENGTHS AND EXPERTISE

- Golang, Python
  - Relational DBs, MongoDB
  - GCP, AWS, APIs, GraphQL, RESTful APIs, WebSocket, Redis cache, Git
  - Microservices, Kafka, Kubernetes, Minikube, Docker, CI/CD, Jenkins
  - Schema development, Unit testing, Integration testing
  - Swagger UI, Postman, Data Structures and Algorithms, Object Oriented Programming
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## PROFESSIONAL EXPERIENCE

### Senior Golang Developer

Sept 2024 – Present

#### Currency Solutions, UK

At Currency Solutions, I design and deploy backend solutions to streamline currency exchange and support financial services. As a Senior Golang Developer, I build high-performance APIs and scalable microservices, optimizing data workflows and ensuring secure integrations.

### Golang Developer

June 2023 – Aug 2024

#### Alpha Squad, PK

At Alpha Squad, I develop and deploy backend systems to support high-performance applications and scalable solutions. As a Golang Developer, I focus on building reliable microservices with the Fiber framework, managing data workflows with Kafka, and optimizing database interactions with PostgreSQL and MongoDB.

### Golang Developer

Aug 2020 – May 2023

#### CapregSoft, PK

At CapregSoft, I developed backend systems for NFT platforms, Mailavail, and management systems. I architected scalable infrastructure to support millions of users, utilizing Golang alongside frameworks like Echo and Gin for robust performance. Leveraging AWS services, Docker, Kubernetes, and serverless deployment, I ensured seamless project execution and scalability across various applications.

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## PROJECTS

### Currency Solutions

- Developed and managed multiple microservices, including Accountancy, Banking, Card Transactions, Pricing, and Trading.
- Handled the development, management of API's resulting in improvement of processing time and performance of the platform. Validations and collaborated with teams for third party integrations.
- Conducted database migrations and performed integration testing to ensure data accuracy and consistency.
- Leveraged AWS Lambda for efficient serverless execution, enhancing scalability and optimizing resource utilization.
- Proactively monitor the health of applications throughout the continuous delivery software development pipeline including during deployment and in production.

## **DotShop**

- Developed a robust e-commerce platform with three user roles: User/Consumer for easy purchasing, Curator for managing personalized stores, and Admin for overseeing platform operations.
- Implemented key features: curated product collections, featured items, real-time notifications, two-factor authentication (2FA), and an integrated email service for enhanced security and engagement.
- Built the backend using Fiber for routing, PostgreSQL for database management, and Docker for containerization, ensuring scalability and resilience.
- Utilized Gorm as an ORM, Swagger for API documentation, and AWS services for cloud support.

## **MonkeyTilt**

- Developed and managed multiple microservices, including Back Office, Player, Game, Bonus, Community and Transaction Service.
- Utilized Fiber for routing, PostgreSQL for database management, sockets for real-time communication, Docker for containerization, Gorm (ORM) for database interactions, Swagger for API documentation, and Apache Kafka for handling data streams.
- Designed and built a scalable backend system to efficiently manage game records, player profiles, and related services, resulting in improved performance, reliability, and overall system efficiency.

## **MailAvail**

- Developed the Mailavail web application, a powerful tool for verifying email existence and calculating email scores across popular SMTP servers like Gmail, Yahoo, and Outlook.
- Designed and implemented a comprehensive admin and user management system, ensuring smooth user interactions and efficient administrative control.
- Integrated both MySQL and MongoDB databases, designing optimized database schemas and ensuring seamless data storage and retrieval.
- Built backend APIs, consumers, and socket-based communication from the ground up, enabling real-time updates and data processing for the application.
- Established deployment setups for multiple stages (production, staging, development), ensuring reliable and consistent application behavior across environments.

## **Lot Vector - Carlocator**

- Developed a robust backend for Lot Vector, designed to efficiently handle large user volumes while ensuring high performance and scalability.
  - Utilized Golang and the Gin framework to build a fast and reliable API, ensuring quick response times and optimal system performance.
  - Implemented AWS RDS with PostgreSQL for efficient and secure data storage, ensuring seamless database interactions and reliable data management.
  - Containerized the application using Docker, streamlining development, testing, and deployment workflows across different environments.
  - Successfully deployed the entire system on AWS Lambda, adopting a Serverless architecture to enhance scalability, reduce costs, and simplify infrastructure management.
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