

# Zohaib Hassan

## Golang Developer

Karachi, Pakistan

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Junior backend developer focused on Go (Golang), experienced in building REST APIs using Gin, Fiber, Mux, and PostgreSQL/MySQL. Skilled with concurrency, routing, and clean project structure. Actively developing real-world Go projects, including a publicly deployed user management API.

## Professional Experience

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### Flutter Developer – Project Work

- Built apps with authentication, API integration, and structured backend logic.
- Used Firebase/SQLite for backend-style persistence.
- Collaborated using Git/GitHub and contributed to team development workflows.

## Education

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Bachelor in Software Engineering October 2019 - November 2023

Mehran University of Engineering & Technology at Jamshoro

GPA: 3.38

## Key Skills

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- Go, Problem Solving
- Gin, Fiber, Gorilla Mux, REST APIs, PostgreSQL, MySQL
- Git , GitHub, Azure, Docker, Postman, Linux

## Projects

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### Users API (Go • Gin • PostgreSQL) LIVE DEPLOYED

A RESTful API for managing user records with full CRUD operations. [Live URL](#)

- Built endpoints for create, list, retrieve, update, and delete operations.
- Added validation including email format and sanitization.
- Structured project using Gin/Mux and integrated PostgreSQL.
- Deployed in a docker container on an Azure hosted linux VM and tested end-to-end.

### Go Crawler (Concurrency • Goroutines • goquery)

#### Repository

- Implemented concurrent crawling using goroutines and channels.
- Randomized user agents to reduce blocking.
- Auto-resolved relative/absolute URL paths.
- Extracted valid links using goquery.

### Employee CRUD API (Go • Fiber • GORM • SQLite)

#### Repository

- Built REST endpoints using Fiber routing.

- Implemented migrations via GORM.
- Added structured error handling and validation.
- CRUD operations on SQLite-backed database.

## Certifications

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### Go

HackerRank

[drive.google.com/file/d/1rzi0dEyyld...](https://drive.google.com/file/d/1rzi0dEyyld...)

January 2023

### Problem Solving

HackerRank

[drive.google.com/file/d/14FAUjD3MWq...](https://drive.google.com/file/d/14FAUjD3MWq...)

February 2023

### Azure Fundamentals

Microsoft

[drive.google.com/file/d/11beKO6aMqu...](https://drive.google.com/file/d/11beKO6aMqu...)

June 2022