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<b>Rizky Haffiyan Roseno</b> <b>Full Stack Software Engineer</b>	

## Summary



Bachelor's degree in Informatics from **Telkom University (CGPA 3.39)**. Experienced in building scalable backend systems using **Golang (Gin/Echo), Redis, MySQL, gRPC, and Kafka**, with hands-on expertise in payment gateway integration, timeout & retry mechanisms (cron-based), and real-time communication via WebSocket. Proven ability to design efficient RESTful APIs, caching strategies without database dependency, and deploy production services on AWS (EC2, S3) with Docker & CI/CD pipelines. Passionate about building high-performance backend systems and continuously improving system reliability and scalability.

## Educations

### **Telkom University / Universitas Telkom**

Informatics/Bachelor of Informatics

August 2019 – May 2024, Cumulative GPA: 3.39/4.00

- Conducting research titled “[Physical Activities Recommender System Based on Sequential Data Use K-Mean Clustering](#)”
- During my academic tenure, I learned about basic programming, data structures, object-oriented programming, machine learning, software development, and many more.

## Work Experiences

### **System Analysis and Design at PT. Nutrifood Indonesia & Kedaireka Telkom University**

July 2022 - September 2022

- Participate in basic training for the use of Django Framework.
- Work closely with lecturers to develop web applications.
- Develop web applications using Django, HTML, CSS and DB.SQLite.

### **Full Stack Developer at PT. Order Kuota Evolusi Digital**

April 2025 - Present

- Developed & maintained **5+ RESTful APIs** using Go (Gin), handling payment, voucher, and transaction flows; implemented timeout-retry (cron every 15 mins), Redis-based caching (no DB for recon), and improved API response time by **~35%**.
- Integrated third-party bill payment & queue systems (including PBX/telephony & WebSocket), reduced failed transactions by **25%**, and ensured real-time status sync with robust timeout handling (435/502–504 cases).
- Led partial migration from PHP to Go and deployed services to AWS (EC2, S3), Docker & CI/CD pipelines; improved deployment efficiency by **40%** and reduced manual ops through automation.

## Projects

### **OurGym Back-End (Bootcamp Project)**

**Alterra Academy**

December 2022 - December 2022

- Creating RESTful API for Web Applications.
- Creating user database model and authentication system.
- Using Go-Lang, Echo Framework, MySQL and MongoDB.

### **Simple Cooperative Goods Data Collection API (Bootcamp Project)**

**Alterra Academy**

October 2022 - November 2022

- Creating Simple RESTful API.
- Creating CRUD and Authentication system for API.
- Using Go-Lang, Echo Framework, MySQL and MongoDB.

### **Full-Stack Developer**

**PT. Nutrifood Indonesia & Kedaireka Telkom University**

August 2022 - September 2022

- Creating New header template.
- Migrate data to database with Django and DB.SQLite
- Using Python, Django Framework, HTML, CSS and DB.SQLite.

## Certifications

### **Mastering Golang Programming Engineer**

Alterra Academy, August 2022 - December 2022

### **Hackerrank Basic Problem Solving**

Alterra Academy, October 2024

### **Alibaba Cloud Academy Business User**

Alibaba Cloud, October 2024 – November 2024

### **Alibaba Cloud Academy Big Data**

Alibaba Cloud, November 2024 – December 2024

## Courses

### **English course (Speaking)**

Desa Inggris Bandung, September 2024 - October 2024

- Conversation in english
- Confident in speaking english
- Understanding of grammar usage

### **Become a Master of Golang Programme**

Alterra Academy, August 2022 - December 2022

- Participated in training for Go-Lang language introduction.
- Working on RESTful API miniproject with CRUD operation and tested using Postman.
- Collaborate as a team with different divisions to work on a capstone project to create web application (OurGym).

## Organizations

### **Staff Komisi Komunikasi dan Informasi (KOMINFO)**

#### **Badan Perwakilan Mahasiswa Informatika**

June 2021 - May 2023

- Participate as the media officer of the BPM organization for the 2021 and 2022 periods.
- Participate and be active in organizational discussions and forums.
- Train communication skills as a form of delivering good information in forums.

## **Skills**

### **Language**

English Language

### **Programming Skills**

HTML, CSS, JavaScript, Go-Language, Echo Framework, MongoDB, MySQL, Django, Python, React.js, Postman, RESTful API, Cloud Computing / Deployment