

# Ghozy Ghulamul Afif

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## WORK EXPERIENCE

### Prosa Solusi Cerdas

Backend Engineer

Bandung, ID

Feb 2022 - Dec 2022

- Implemented Envoy as a gateway service to handle all incoming network traffic in our SaaS product.
- Implemented microservices architecture in the DDD pattern.
- Implemented CI/CD deployment that connected to Google Cloud Platform (GCP)
- Implemented Ejabberd service as our XMPP Server to handle conversations between User and BOT/Agent
- Developed an authorization service that integrated with Envoy to grant user access requests based on their role.
- Developed a channel service that is able to integrate bots in several channels like WhatsApp, Telegram, Widget, etc.

### Apple Developer Academy

iOS Engineer - Internship

Tangerang, ID

Mar 2022 - Dec 2022

- Developed several apps in Swift with SwiftUI, UIKit, and SpriteKit frameworks.
- Implemented Sound Analysis with the CreateML framework that helps deaf children to learn oral communication effectively.
- Implemented ECS architecture to build a storybook game to help children in learning literacy and numeracy with SpriteKit, GameplayKit, and UIKit programmatically frameworks.

### Mayar Kernel Supernova

Software Engineer

Bandung, ID

Feb 2021 - Feb 2022

- Developed several services that are able to handle to process customer orders and able to handle race conditions for a limited quantity of products.
- Manage responsibilities by working closely with the business development team to ensure successful high transactions with physical product features worth RP. 268M.
- Contributed to creating and maintaining services that integrate with a payment gateway and logistic & warehouse aggregator in Indonesia.
- Contributed to creating an SEO-friendly site with ReactJS.

### Sharsys Informatika

Software Engineer

Bandung, ID

Oct 2020 - Dec 2020

- Build an information system for employees in RSUD Pandega Pangandaran with ReactJS and Golang.
- Able to help Dinas Kesehatan Bandung and other stakeholders to get the latest information about Covid cases in Bandung by creating a single portal to report a new Covid case in Bandung.

### Aero Systems Indonesia

Backend Engineer (Internship)

Tangerang, ID

June 2020 - Sept 2020

- Build a mobile application for rating airlines and airports in Indonesia that is supported by Java Spring Boot as our backend service.
- Created a basic CRUD API and authentication API with Spring Security

## EDUCATION

### Telkom University

Bachelor of Informatics, (GPA: 3.69)

Bandung, ID

Graduation Date: Sept 2021

- Published a paper about data science in Jurnal RESTI (SINTA 2).

## LEADERSHIP EXPERIENCE

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### Himpunan Mahasiswa Informatika (Telkom University)

**Bandung, ID**

*Vice Chairman*

*Apr 2020 - Feb 2021*

- Demonstrated strong leadership skills in building and motivating a team, effectively delegating tasks and responsibilities, and ensuring that the organization's goals and objectives were met.
- Collaborated with other student organizations and campus groups to coordinate joint events and initiatives, fostering a sense of community and collaboration among students.
- Advocated for the needs and interests of the student association and its members, effectively communicating with faculty and administration to secure resources and support for the organization.

### BEM KEMA (Telkom University)

**Bandung, ID**

*Staff of Community Synergy Ministry*

*Mar 2019 - Sept 2019*

- Provided a forum for all the community in Telkom University to share their aspirations and will be forwarded to the Student Affairs in Telkom University.
- Held Festival Komunitas event in 2019 that presented more than 20 communities registered in Telkom University.

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## SKILLS & INTERESTS

**Skills:** Microsoft Office (Excel, PowerPoint) | Golang, Java, JavaScript, Python, Swift | RESTful, GraphQL, gRPC | MongoDB, PostgreSQL

**Interests:** Machine Learning, Software Engineering, Coffee