

# Rasio Atmaja.

Software Engineer, Backend

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I am a software engineer with a Bachelor's degree in Computer Science, specializing in backend development using Golang, PostgreSQL, RabbitMQ and Redis. Over the past 5 years, I have collaborated with both startups and enterprise-level projects across diverse industries, including media, advertising, and aquaculture.

## EXPERIENCE.

### Software Engineer • eFishery, Bandung

Jan 2022 - Feb 2025

- Designed and developed a Transport Management System that optimizes logistics flow from dispatching local trucking vendors to integrating third-party delivery services and managing payments. This system utilizes Golang for the API, PostgreSQL, Redis for caching and distributed locking, and RabbitMQ to listen for payment updates from our finance app.
- Designed and developed an internal tool for shrimp transaction management, covering harvest planning, processing, and payment to farmers and vendors. Built with Golang, PostgreSQL, and RabbitMQ, integrated with payment and financial services. This internal tool eliminated manual processes previously done via Google Sheets and reduced the payment processing time from about 15 minutes to under 5 minutes.
- Investigated and resolved memory leaks in Golang microservices by utilizing the Delve debugger to gain insights into program flow, while leveraging Grafana and Loki for effective monitoring of logs, CPU, and memory usage before and after implementing fixes.
- Built foundational systems for user management and event handling at *Acara Budidaya eFarm*, leveraging Golang and PostgreSQL to boost efficiency and elevate user experience.
- Conduct interview for back-end engineer position

### Software Engineer • IDN Media, Surabaya

Sep 2019 - Des 2021

- Built Authentication and Authorization system using Golang, MySQL and RabbitMQ to create a centralized login, register and account management system for all portals in the IDN Media.
- Built workflows for Azure pipeline and Github Actions to automate Golang unit tests, linting, code coverage and deployment of docker images to the docker registry.
- Engineered and maintained the quality and stability of Golang and PHP microservice to support the company's vision to democratize information for Millennials and Gen Z.

## EDUCATION.

### Brawijaya University, Malang Indonesia

Sep 2015 - Jan 2019

Bachelor Degree in Computer Science

GPA 3.77 / 4.00 Cum Laude

## SKILLS.

**Programming Language:** Golang • Typescript • PHP • Java

**Database:** PostgreSQL • MySQL • Redis

**Message Broker:** RabbitMQ