

# Ahmad Yogi Al Fandi

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Jakarta, Indonesia

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## Profesional Summary

Backend Software Engineer with strong problem-solving skills and the ability to work efficiently under deadlines. Offering 3–4 years of hands-on experience in computer programming and software development. Experienced in building scalable systems, designing secure authentication workflows, and developing high-performance backend solutions.

## Work Experience

**Oct 2024 - Present Indonesia**

**Backend Developer / Digital Niaga Internasional**

- **Academic Platform (Unsia Project)**

- Developed core backend modules for the university's academic platform, covering key functions such as LMS, scheduling, student management, and administrative workflows.
- Implemented microservice-based backend architecture and a custom OAuth2 authentication server to support secure, centralized access across multiple services.
- Managed and optimized databases using SQLServer, Redis, and Minio to improve system performance, including testing and tuning to maintain scalability and stability.
- Collaborated with frontend and mobile teams to ensure smooth integration across platforms.

- **Internal Applications**

- Developed and maintained backend systems for internal applications, including ERP, travel, and other corporate platforms, ensuring scalable and efficient operations.
- Collaborated with stakeholders to understand requirements and deliver tailored backend solutions that meet business needs.
- Integrated APIs and backend services to support seamless functionality across internal platforms.

**Dec 2023 - Present Indonesia**

**Freelance Web Developer**

- Delivered end-to-end web solutions for clients, handling frontend, backend, and database integration.
- Ensured scalable, reliable, and high-performance applications through optimized code, APIs, and testing.

## Volunteering Experience

**Apr 2025 - Present Indonesia**

**Contributor / Bellshade (Open-Source Educational Organization)**

- Contributed to open-source projects and created tutorials, code samples, and backend modules for the tech community.
- Collaborated with developers to maintain and improve educational resources.

## Skills

- Programming: Go, Java, C, PHP (Laravel), Node.js, Vue.js, Nuxt.js, TypeScript, Spring Boot
- Web & Backend: APIs (REST, GraphQL, gRPC), Microservices, Docker, Kubernetes, Messaging (Kafka), Linux, Git, CI/CD, Testing (k6, across language programming)
- Databases: SQL, NoSQL (Redis, Scylla, Elasticsearch, MongoDB, Others)
- Soft Skills: Problem-solving, Creativity, Time Management, Attention to Detail

## Education

**Bojonegoro, Indonesia**

2020–2023

**Science**

Man 1 Bojonegoro

## Project

- **Gembok [Authentication / OAuth2 Server]**

OAuth2-based authentication server designed as a centralized and secure identity service for future applications.

Link Project: <https://github.com/pandekit/gembok>

- **Gathuk [Go Library]**

Open-source, type-safe configuration management library for Go. Converts configuration files into strongly-typed structs for high performance and flexibility.

Link Project: <https://github.com/ahyalfan/gathuk>

- **E-Wallet [API Service]**

Backend API for digital wallet operations, providing secure and scalable financial transaction endpoints.

Link Project: <https://github.com/ahyalfan/simple-pay>

- **Chat Room Management [Web Application]**

Real-time chat platform enabling users to create, join, and manage chat rooms with responsive communication features.

Link Project: <https://github.com/ahyalfan/chat-room-management>

- **Nuxtrello [SaaS / Full-Stack]**

Trello-inspired task management application built with Nuxt 3 and MongoDB for efficient project organization.

Link Project: <https://github.com/ahyalfan/nuxt-saas-nrello>