

Ahmad Indra Nurfauzi

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[LinkedIn](#) | [Portfolio](#) | Bandung, West Java

About Me

I am a Technical Support Engineer with a solid backend foundation built from real-world production experience and a deep understanding of system reliability. Driven by integrity, effective communication, and responsibility, I hold a Bachelor degree in Informatics from Telkom University and have experience resolving complex production issues, collaborating with cross-functional teams, and developing internal tools and documentation. I'm proficient in building scalable backend services and full stack applications using TypeScript, JavaScript, and Golang; designing SQL/NoSQL databases; managing CI/CD pipelines; and handling distributed systems powered by Kafka. Combining hands-on troubleshooting with engineering expertise, I aim to build systems that are reliable, maintainable, and optimized for performance and delivery.

Education

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| RevoU Full Stack Software Engineering Ranked 2nd in the Top 4 Best Projects of the Fullstack Engineering Program. Learned and applied JavaScript, TypeScript, Next.js, NestJS, and PostgreSQL for full-stack development. Final Project: Lobby Padel a booking management app for padel courts featuring real-time availability, booking confirmation, and admin management. Project Link | Feb 2025 - Aug 2025 |
| Telkom University GPA: 3.60/4.00 Bachelor of Informatics "Skincare Recommendation System Using Matrix Factorization with the Non-Negative Matrix Factorization Method" | Sep 2022 - Sep 2024 |

Working Experiences

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| Technical Support Engineer, Moladin May 2024 - Present |
| • Designed and executed database scripts (SQL and NoSQL) to correct and maintain production data, integrating changes through CI/CD pipelines for safe deployment. |
| • Managed Kafka message queues to ensure reliable data synchronization and consistent message delivery across systems. |
| • Resolved 99% of production issues within an average of 10 minutes, minimizing downtime and maintaining operational continuity. |
| • Conducted in-depth data validation and root cause analysis to prevent issue recurrence and improve data integrity. |
| • Maintained 99% SLA adherence, contributing to system stability and engineering efficiency. |
| Full Stack Engineering Apprenticeship, GoTo Impact Foundation Jun 2023 - Dec 2023 |
| • Built a fullstack affiliate platform using the MERN stack with session-based authentication, showcasing product integration and strengthening skills in Express, React, and Tailwind. |
| • Developed InfoBencana, a disaster awareness platform designed to solve the lack of centralized, real-time information during natural disasters. The system provides verified data on disaster events, missing persons, and donation channels, improving public access to critical information. |
| • Implemented backend APIs using Node.js, Express, and MongoDB, integrated Google Maps API for geolocation, and secured access with JWT authentication. |
| • Ensured platform reliability through structured testing, enabling accurate data delivery and seamless user interaction during emergency situations. |
| Back End Developer Intern, Core Initiative Jun 2023 - Jul 2023 |
| • Developed a self-payroll system backend using Golang (Echo) and Clean Architecture, improving maintainability and modularity. |
| • Built and enhanced employee and job management modules, ensuring accurate and reliable HR data operations. |
| • Implemented salary withdrawal and company balance features, automating key financial workflows for efficiency. |
| • Added and improved Docker service setup, simplifying local development and improving team workflow consistency. |

Project Experiences

E-Wallet Microservices

Jun 2025 - Oct 2025

E-wallet application built with Go using Gin framework and a microservice architecture, designed for scalability and efficient service communication via gRPC. Integrated MySQL with GORM, implemented SMTP for email notifications, and deployed containerized services using Docker and Kubernetes.

[Repository](#)

Lobby Padel, Revou

July 2025 - Aug 2025

Booking management app for paddle courts, designed and fully developed individually using Next.js, NestJS, PostgreSQL, Prisma, ShadCN, and deployed via Vercel, Railway, and Supabase. Features include real-time court availability, booking confirmation, admin management, profile editing, search by date and court, and in-app notifications, optimized for mobile with backend caching.

[Frontend Repository](#)

[Backend Repository](#)

InfoBencana, GoTo Impact Foundation

Sep 2023 - Dec 2023

Web platform that delivers real-time disaster updates, missing persons data, and donation information to improve public access to accurate and timely emergency information. Built using React (Vite), Node.js, Express, and MongoDB with ShadCN for UI and Google Maps API via Google Cloud Platform for geolocation visualization.

[Repository](#)

Salary Withdrawal, Core Initiative

Jun 2023 - Jul 2023

A backend payroll management system built with Golang (Echo), PostgreSQL (GORM), and Docker, designed to automate employee salary operations. The system enables job and employee data management (CRUD), admin-controlled company balance top-ups, and secure salary withdrawals based on employee ID and job position. Implemented using Clean Architecture for modularity and maintainability.

[Repository](#)

Additional Information

Technical Skills:

- Programming Languages: JavaScript, TypeScript, Golang
- Frontend Framework: Next.js, React.js
- Backend Framework: NestJS, Express, Gin, Echo
- Database Management: MySQL, PostgreSQL, MongoDB
- Message Queue: Kafka
- Cloud Services / Infrastructure: Docker, Vercel, Railway
- Version Control System: Git
- Software Development Tool: Postman

Soft Skills: Problem-solving, Critical thinking, Adaptability, Collaboration, Time management

Certification: 1. [Certificate of Achievement - Full Stack Software Engineering, RevoU](#)

Aug 2025

2. [Belajar Back-End Pemula dengan JavaScript, Dicoding Indonesia](#)

Apr 2023 - Apr 2026

3. [Belajar Dasar Pemrograman JavaScript, Dicoding Indonesia](#)

Apr 2023 - Apr 2026