

WAHYUDI INDRA PRAKOSO

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Backend Engineer with 5+ years of experience in building reliable and scalable backend systems. Skilled in backend migrations, database optimization, and microservices architecture. Adept at collaborating with cross-functional teams to deliver impactful software solutions. Passionate about clean code, automation, and driving engineering productivity to support business growth.

SKILLS

- **Languages:** TypeScript, JavaScript, PHP, SQL, Java, C++
- **Technologies:** Node.js, NestJS, Prisma, Docker, Redis, Laravel, React, Vue.js
- **Databases:** PostgreSQL, MySQL, MariaDB, NoSQL
- **Others:** REST APIs, Payment Gateway, Firebase, Microservices, Swagger, Postman, GraphQL, Git

EDUCATION

Universitas Negeri Malang, Indonesia

(2014 – 2018)

Bachelor of Arts in Informatics Education

EXPERIENCES

Backend Engineer | PT. Docheck Bagi Indonesia

(July 2023 – September 2025)

- Proposed migration from Strapi (Headless CMS) to NestJS for improved scalability and maintainability.
- Established long-term technical foundation that reduced maintenance overhead and boosting engineering productivity by 3x.
- Designed database schemas (ERD) and implemented APIs for B2B & B2C services within a microservices architecture.
- Delivered Pertamina partnership project (Batch 1) successfully, leading to ongoing collaboration.

Backend Engineer | Glovory Technologies

(March 2022 – May 2023)

- Collaborated with PMs to define sprint timelines ensuring 95% on-time delivery rate.
- Maintained and optimized microservices deployment pipeline to ensure reliable releases.
- Conducted regular code reviews to enforce coding standards and improve overall code quality.

Backend Engineer | Degetek Studio

(October 2019 – November 2021)

- Implemented backend business processes and optimized databases with Prisma.
- Wrote API documentation and supported frontend teams on integration.
- Coordinated with Tech Lead and PM to meet project deadlines.

PROJECTS

Wool Website

(July 2023 – September 2025)

Mental health platform (counseling, assessment, and resume review) for Millennials and Gen Z. (wool.id)

Tech Stack: NestJS, Prisma, PostgreSQL, Midtrans, Twilio, Firebase

Maxima Apps & Website

(October 2022 – September 2023)

Laboratory management system integrated with existing desktop apps for patient examination scheduling.

Tech Stack: NestJS, Prisma, MariaDB

Hotel Management System

(May 2022 – January 2023)

Property management system to handle reservations, revenue tracking, and service optimization.

Tech Stack: NestJS, Prisma, Appwrite, PostgreSQL, NoSQL

Ace Diary Apps

(2021)

Android counseling application for Universitas Negeri Malang to facilitate student guidance.

Tech Stack: NestJS, Prisma, PostgreSQL

KNB Scholarship

(2020 – 2021)

Official government platform for international student scholarships. (knb.kemdikbud.go.id)

Tech Stack: NestJS, Prisma, PostgreSQL

Robopem Apps & Website

(2020)

Interactive learning media for fuel cell education, used by teachers to track student activities. (robopem.com)

Tech Stack: NestJS, Prisma, PostgreSQL

C2G E-Commerce

(2020)

Client-to-Government e-commerce platform with integrated payments, discounts, and stock management.

Tech Stack: Laravel, Vue.js, Inertia.js, MySQL
