# 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, 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), unlocking continued collaboration.

**Backend Engineer | Glovory Technologies**                                *(March 2022 – May 2023)*

- Defined timelines with PMs to ensure on-time project delivery.
- 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.
- Collaborated closely with Tech Lead and PM to meet project deadlines.

**Software Engineering Intern | Elecomp Software House**                        *(May – August 2017)*

- Built a company profile website using CodeIgniter.
- Migrated legacy desktop database systems to web-based platforms.

## PROJECTS

**Wool Website**                                                                *(July 2023 - Present)*

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