

DIAN ERDIANA

FULLSTACK DEVELOPER

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SUMMARY

Fullstack Developer experienced in code review and system refactoring using React.js, Node.js/Express, TypeScript, and Laravel. Successfully improved system performance by 45% through architectural refactoring and optimized database queries, with a strong focus on clean, maintainable, and scalable code.

WORKING EXPERIENCE

PT Talenta Indonesia Raya, Jakarta

Mar 2023 – Present

Fullstack Developer

- Redesigned system architecture based on business workflow analysis using **React.js** and **Express.js**.
- Improved system performance by **45%** through architectural refactoring and optimized database queries.
- Achieved stable production operation with **1,800+** concurrent users while reducing infrastructure and tooling costs by **30%**.

PT Ayo Menebar Kebaikan, Sukoharjo

May 2022 – Feb 2023

Fullstack Developer

- Built end-to-end POS and OKR system features using **Laravel**, **React.js**, and **PostgreSQL**.
- Implemented frontend, backend logic, REST APIs, and database operations in production systems.
- Improved transaction and data processing performance by **35%** through optimized UI flows and backend logic

Abukuma Co.,Ltd., Fukushima

Dec 2018 – Dec 2020

3D Laser Operator

- Operated precision 3D laser machining systems with a strong focus on accuracy and process consistency.
- Applied structured workflows and disciplined execution in a high-standard Japanese engineering environment

EDUCATION

Universitas Siber Muhammadiyah, Yogyakarta

Mar 2023 – Present

S1 Information Systems

ACTIVITIES

ASAH LED BY DICODING, Bandung

Jan 2026

React & Back-End with AI Cohort

Completed intensive training and developed a production-ready fullstack web application. The capstone project was selected as the Best Capstone Project among program participants.

SKILLS

Programming Language: Typescript, Javascript, SQL, PHP, Python

Framework & Libraries: React.js, Astro, Nest.js, Express.js, Hapi Framework, Next.js, Laravel

Cloud & DevOps: Git, Github, Github Actions, Bitbucket Pipelines, Google Cloud Platform (GCP), Google Cloud Storage, Docker, Compute Engine

Databases: MySQL, PostgreSQL, Redis, MongoDB, Supabase

Testing Tools: Vitest, Testing Library, Cypress

Other Tools: RabbitMQ, Postman, ImageKit

ACHIEVEMENTS

- Best Graduate Distinction of Program ASAH Dicoding | Dicoding Indonesia | Jan 2026
- Best Capstone Project – Program ASAH Dicoding | Dicoding Indonesia | Jan 2026

CERTIFICATIONS

- Menjadi Back-End Developer Expert | Dicoding Indonesia | April 2026
- Menjadi React Web Developer Expert | Dicoding Indonesia | Feb 2026
- Membangun Sistem Machine Learning | Dicoding Indonesia | May 2026
- Belajar Fundamental Deep Learning | Dicoding Indonesia | Mar 2026
- Japanese Language Proficiency Test (JLPT) N2 | Japan Educational Exchanges and Services (JEES) | Jan 2020

PROJECTS (More Project Here: <https://github.com/dianerdiana>)

Forum Discussion API

Dicoding Course Project

Developed a production-grade RESTful API for a forum discussion platform, applying Clean Architecture principles to separate domain logic, use cases, and infrastructure concerns, with automated quality gates via CI/CD and Git hooks.

- Tech Stack: TypeScript, Node.js (ESM), Express.js, PostgreSQL, JWT, bcrypt, Vitest, Husky, lint-staged, GitHub Actions
- Enforced strict layered architecture (Domains → Applications → Infrastructures → Interfaces) with dependency injection via instances-container; implemented JWT-based authentication with access & refresh token rotation; and built a full CI pipeline with type-checking, linting, testing, and auto-deploy on every push to main.

Book Doctor App

Smartbridge Capstone Project

Built a healthcare booking platform that connects patients, doctors, and administrators, enabling doctor discovery, appointment scheduling, secure document uploads, and centralized management of medical services.

- **Tech Stack:** React 19, TypeScript, Vite, TanStack Router, TanStack Query, Axios, TailwindCSS v4, Express.js, MongoDB, Mongoose, Zod, JWT, Multer
- Streamlined appointment workflows with patient and doctor dashboards, role-based access control, doctor approval and schedule management, and admin tools for managing users, specialists, appointments, and reviews.

Kopilot Backend

Dicoding x DBM Skillsbuild Capstone Project

Built a production-ready backend service for F&B business operations, providing authentication, master data management, transactions, stock tracking, file-based transaction import, operational insights, and ML-powered forecasting for internal dashboards.

- Tech Stack: NestJS, TypeScript, PostgreSQL, Prisma, Redis, JWT, bcrypt, Google Gemini, Axios, CSV/XLSX processing
- Designed as a centralized API for managing users, roles, stores, products, ingredients, recipes, notifications, reports, and predictive analytics with a scalable modular architecture.