

William Wijaya

Full-Stack Software Engineer · React · TypeScript · DevOps

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Professional Summary

Full-Stack Software Engineer with 3+ years of professional experience delivering production-grade ERP platforms and client-facing web applications. Proficient across the full development lifecycle, from UI/UX prototyping in Figma to backend APIs and DevOps on Linux infrastructure. Hands-on experience with React (TypeScript), Next.js, Go, Express.js, Docker, and GitHub Actions CI/CD. Comfortable working in small, agile teams and taking end-to-end ownership of features.

Experience

Full-Stack Engineer & DevOps, **Mitraplus** November 2022 – Present

- **Led end-to-end delivery of 5 ERP modules** across insurance and manufacturing verticals within a 3 - 4 person agile team, covering requirements, design, development, and deployment.
- **Built responsive, accessible UI** using React (TypeScript) and MUI, translating Figma prototypes into production-ready ERP screens with consistent design systems.
- **Architected complex data tables and business process flows** for multi-module ERP workflows, reducing manual process steps and improving operational clarity for end-users.
- **Improved frontend rendering performance** through code-splitting, lazy loading, and component optimisation resulting in noticeably faster load times across key ERP screens.
- **Maintained production infrastructure** using Docker, GitHub Actions CI/CD, and Linux servers, enabling reliable zero-downtime deployments and automated build pipelines.
- **Managed and optimised relational and document databases** (PostgreSQL, MongoDB) including schema design, query optimisation, and API integration via Express.js and GraphQL.

Freelance Full-Stack Developer, **Self-Employed** February 2024 – Present

- **Delivered 5+ client websites** including company profiles, landing pages, and business web applications. Managing full project scope from initial brief through to deployment.
- **Built projects using a mixed stack** including React, Next.js, Vue.js, and Node.js. Selecting the most appropriate technology per project requirements and client constraints.
- **Handled all client communication**, UI/UX design in Figma, development, and deployment to Vercel and cloud hosting, operating as a solo end-to-end developer on each engagement.
- **Strengthened cross-domain skills** in responsive design, SEO fundamentals, and performance optimisation through diverse real-world client projects.

Image Editor, **Mindreach** April 2021 – June 2022

Retouched and colour-corrected marketing imagery in Adobe Photoshop, ensuring visual quality and brand consistency across client deliverables.

Skills

Languages: JavaScript, TypeScript, Golang, Dart, SQL, HTML, CSS, Sass

Frontend: React, Next.js, Vue.js, React Native, MUI, GraphQL

Backend: Express.js, Mongoose, REST APIs, Microservices

Databases: PostgreSQL, MongoDB

DevOps & Tools: Docker, GitHub Actions (CI/CD), Git, Linux, Vercel, Heroku, Firebase

Design: Figma, Adobe Photoshop

Selected Projects

Pokémon Collection — *Full-Stack Web Game*

- Developed a full-stack Pokémon Gacha game with React (frontend) and Express.js (backend), featuring game state management, randomised card mechanics, and a NoSQL database.
- Deployed live on Vercel; backend architecture and setup documented on GitHub.

Company Profile — *Logistics Client*

- Designed and developed a responsive company profile website for a logistics client using Next.js, delivering a professional web presence with fast page loads via server-side rendering.
- Built and deployed end-to-end as a solo freelance engagement. Covering client requirements, UI/UX design in Figma, development, and production deployment.

ERP Template — *React UI Template*

- Engineered a responsive, reusable React admin dashboard template integrating the MUI library for interactive data visualisations.
- Designed for extensibility structured to support plug-in modules and adaptable across different business data domains.

Education

S1 Sistem Informasi (Information Systems, Bachelor's)

2025 – Present

Universitas Cakrawala

Full-Stack JavaScript Bootcamp

Jun 2022 – Oct 2022

Hacktiv8 · Intensive program covering React, Node.js, Express, PostgreSQL, and MongoDB

References and portfolio available at williamwijaya.my.id