

William Wijaya

Full-Stack Software Engineer

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SUMMARY

Full-stack engineer with around 3 years at a B2B software house, where I helped move the company off a legacy PHP codebase and shipped three successive production ERP platforms, each larger than the last. I work across the stack in TypeScript, using Express, Sequelize, and Redis on the backend and React with MUI and TanStack on the front. I also handle the DevOps side, from Docker images to CI pipelines and staged releases. Open to remote roles with EU or US teams and happy to overlap with their working hours.

EXPERIENCE

Full-Stack Engineer & DevOps • Mitraplus

Nov 2022 – Present

B2B software house building ERP and workshop-management systems for insurance, manufacturing, and service clients.

- Built and shipped three production ERP platforms over 3 years, each a step up in scope: a React/Express app on SQL Server, then a multi-app TypeScript enterprise system with a separate customer portal, then a framework-driven workshop platform on PostgreSQL. Together they covered purchasing, sales, warehouse, finance/GL, reporting, and insurance-claim service workflows.
- Worked full-stack in TypeScript: Express APIs backed by Sequelize and Redis, with BullMQ/queue workers for exports, uploads, and long-running jobs; React (18/19) front ends using Redux, MUI, and TanStack Query/Table.
- Designed reusable framework pieces the rest of the team builds on: model-driven forms and data tables, typed list-query contracts, and a documented layered architecture (routes → controllers → services → repositories).
- Built authentication and RBAC: JWT with refresh-token sessions, Redis-backed permission lookups, failed-login logout, and permission-aware routing on both the API and the UI.
- Owned delivery and infra: Docker images published to a Harbor registry through GitHub Actions, with CI running typecheck, tests, dependency audit, secret scanning, and release-readiness checks before staging promotion.

Freelance Full-Stack Developer • Self-employed

Feb 2024 – Present

- Delivered 5+ client projects end to end (company profiles, landing pages, and small business web apps), working solo from the first brief through to deployment.
- Chose the stack per project (React, Next.js, Vue, Node), handled the UI/UX in Figma myself, and deployed to Vercel or the client's own hosting.

Image Editor • Mindreach

Apr 2021 – Jun 2022

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

SKILLS

Core: TypeScript, JavaScript, React, Next.js, Node.js / Express, Sequelize, PostgreSQL, SQL Server, Redis, REST APIs, Docker, GitHub Actions (CI/CD), Git, Linux

Also worked with: BullMQ, TanStack (Query / Table / Router), Redux Toolkit, MUI, Zod, GraphQL, object storage (MinIO), Harbor, Go, Vue.js, React Native, Figma

SELECTED PUBLIC PROJECTS

Project titles link to live demos; source on github.com/code4space.

[Pokémon Collection](#) • [Full-stack web game](#) ↗

React + Node.js

- Built a full-stack gacha game with a React front end and an Express API, covering game-state handling, randomised card mechanics, and a NoSQL store. Deployed live on Vercel with the backend documented on GitHub.

[Company Profile](#) • [Logistics client](#) ↗

Next.js

- Designed and built a responsive company-profile site in Next.js with server-side rendering for fast loads, delivered solo from requirements and Figma design through to production deploy.

[ERP Dashboard Template](#) • [Reusable React UI](#) ↗

React + MUI

- Built a reusable React admin-dashboard template with MUI charts, structured to drop in new modules and adapt across different business data domains.

EDUCATION

B.Sc. Information Systems (S1 Sistem Informasi) — Universitas Cakrawala

2025 – Present

Full-Stack JavaScript Bootcamp — Hacktiv8

Jun 2022 – Oct 2022

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