

HAIFAN PANGESTU

Junior Software Engineer | Full Stack Developer

Indonesia | +62 855-4015-6338 | haifan.tribuwono@gmail.com

Portfolio: haifan-tribuwono.my.id | GitHub: github.com/haifan420 | LinkedIn: linkedin.com/in/haifan

SUMMARY

Full Stack Developer with hands-on experience developing and maintaining web applications for government organizations. Skilled in TypeScript, Next.js, React, Laravel, PostgreSQL, Prisma, Docker, and Linux infrastructure. Experienced in building secure role-based systems, dynamic forms, REST APIs, multi-tenant applications, and production deployments. Interested in software engineering, backend development, cloud infrastructure, and DevOps.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, PHP, SQL, HTML, CSS
Frontend: React, Next.js, Tailwind CSS, Bootstrap, shadcn/ui, TanStack Query, React Hook Form, Zod
Backend: Node.js, Laravel, Express.js, FastAPI, REST APIs, Authentication, Role-Based Access Control
Databases: PostgreSQL, MySQL, MongoDB, Prisma ORM
DevOps & Infrastructure: Docker, Docker Compose, Git, GitHub Actions, PM2, Nginx, Linux, Ubuntu Server, Proxmox, Cloudflare, RustFS, mailcow

EXPERIENCE

Full Stack Developer
Department of Communication and Informatics, Pekalongan Regency Government | Indonesia
January 2024 – Present

- Develop and maintain government web applications using Next.js, React, TypeScript, Laravel, and PostgreSQL.
- Build responsive user interfaces and backend services supporting administrative and public-service workflows.
- Design authentication and authorization features using role-based access control and granular permissions.
- Implement secure API endpoints, server-side validation, file-upload controls, and access-control checks.
- Deploy and maintain production applications using Docker, PM2, Nginx, Linux, and Cloudflare.
- Troubleshoot application, database, server, and infrastructure issues across development and production environments.

Software Engineering Intern
Department of Communication and Informatics, Pekalongan Regency Government | Indonesia
June 2023 – September 2023

- Developed an **Intern Monitoring** system supporting internship registration, approval, attendance, document management, and role-based access.
- Built an activity and agenda management application to support administrative coordination for department leadership.
- Collaborated with internal stakeholders to translate administrative requirements into functional web applications.

SELECTED PROJECTS

Government E-Ticketing Platform | Next.js, TypeScript, PostgreSQL, Prisma, Docker

- Designed a multi-service ticketing platform for government departments with dynamic service forms and configurable workflows.
- Implemented ticket status tracking, service history, role-based access control, file uploads, and structured audit records.
- Maintained government websites and contributed to digital-service initiatives within the e-Government division.
- Built a scalable architecture using a Turborepo monorepo, PostgreSQL, Prisma ORM, and RustFS object storage.

Multi-Tenant Web Platform | Next.js, Strapi, PostgreSQL

- Developed a multi-tenant architecture supporting tenant-specific configurations and dynamic routing.
- Implemented tenant-aware data handling and production deployment using Strapi, PM2, and PostgreSQL.
- Improved application security by reviewing tenant isolation, server-side authorization, and exposure of sensitive configuration data.

TravelEase | FastAPI, Machine Learning, Hugging Face

- Contributed as a Machine Learning team member in a seven-person multidisciplinary capstone team.
- Supported travel recommendation, automated itinerary generation, and trip-budget features.
- Integrated and deployed machine-learning services using FastAPI and Hugging Face.

EDUCATION

Bachelor's Degree in Informatics
Universitas Muhammadiyah Pekajangan Pekalongan | Indonesia
2021 – 2025, GPA 3,98 / 4

ADDITIONAL INFORMATION

Languages: Indonesian (Native), English (Professional Working Proficiency)
Interests: Software Engineering, Backend Development, DevOps, Cloud Infrastructure