Jerenason Junnot Daniel

Full-Stack Web Developer

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EDUCATION

Brigham Young University–Idaho (BYU-Pathway Worldwide) — Expected Dec 2027
B.S. in Software Development — Online
Relevant Coursework: Object-Oriented Programming, Software Design, Web Frontend Development, Database Design & SQL.

Higher Institute of Computer Science and Business Management (ISIME) — Oct 2019 – Nov 2022
Diploma in Computer Science — Antananarivo, Madagascar

PROFESSIONAL EXPERIENCE

FINAMAD — May 2023 – Present
Full-Stack Web Developer — Antananarivo, Madagascar

- Engineered commercial solar leasing platforms featuring a 20-year energy indexation simulator and ROI calculator, reducing customer quote turnaround time by **35%**.
- Spearheaded the development of B2B administrative portals to manage enterprise simulations, equipment inventory, and **500+** lease contracts across their full lifecycle.
- Architected token-based JWT authentication and automated PDF report generation services adopted by **100+** international solar installers to export feasibility reports.
- Developed a supplier management dashboard and asynchronous notification service using Node.js and FastAPI, accelerating new supplier onboarding by **20%**.
- Led the end-to-end delivery of a field audit scheduling application, enabling engineering teams to coordinate site inspections and optimize solar panel placement.
- Optimized frontend rendering and REST API calls across two high-traffic web portals by refactoring reusable React components, reducing page load time by **15%**.

Stack: TypeScript, React, Next.js, Node.js, Laravel, FastAPI, PostgreSQL, MySQL, Docker

PROJECTS

Pulse – Multi-Tenant SaaS Analytics Platform — Jan 2026 – Apr 2026
Next.js, TypeScript, Supabase, Stripe, Tailwind CSS — Live Demo | GitHub

- Designed and built a multi-tenant SaaS dashboard with real-time revenue metrics, 30-day interactive charts, and role-based team invitation workflows.
- Integrated Stripe subscription webhooks and secured tenant data with PostgreSQL Row-Level Security in Supabase, maintaining API query latency under **200ms**.

AI-Powered Personal Finance REST API — May 2025 – Aug 2025
Node.js, TypeScript, OpenAI API, MongoDB, Docker, Nginx — GitHub

- Initiated and built a backend REST API for a mobile finance application that uses OpenAI models to categorize transactions and generate personalized budget insights.
- Deployed containerized services with Docker on a Linux VPS behind Nginx and added compound MongoDB indexes to keep response times under **150ms**.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, PHP, SQL, HTML5, CSS3
Frontend: React, Next.js, Angular, Tailwind CSS, Responsive UI Design
Backend: Node.js, Express, FastAPI, Laravel, REST APIs, JWT Authentication
Databases: PostgreSQL, MySQL, MongoDB, Supabase (Row-Level Security)
DevOps & Integrations: Docker, Nginx, Linux VPS, Git, GitHub, Postman, Figma, Stripe API, OpenAI API