

SAI THI HAN

Full Stack Developer

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SUMMARY

Full Stack Developer with hands-on experience building and maintaining web applications using Next.js, React, TypeScript, and NestJS. Experienced in REST API development, frontend-backend integration, PostgreSQL, and microservices-based systems, with exposure to Go for backend development. Comfortable working with existing codebases, debugging issues, and collaborating with development teams to deliver reliable features. Currently contributing to open-source projects and gaining experience in collaborative development and real-world codebases.

Professional Experience

Sept 2025 - Present
Yangon, Myanmar
(Full Time)

Fullstack Software Developer (Remote)

As a Full Stack Developer at TRIOSYS, I work on building and maintaining web applications using Next.js for the frontend and NestJS for the backend. I have contributed to two customer projects and a company profile website, assisting in frontend integration, API development, database interactions and MMQR payment integration. Currently, I am also contributing to the company's own microservices-based product, collaborating closely with senior developers while following best coding practices to deliver reliable and scalable features.

May 2025 - Aug 2025
Yangon, Myanmar
(Full Time)

Software Developer Intern

As a Full Stack Developer Intern at SMART Group of Companies, I learned the fundamentals of web application development and modern web technologies. I assisted with frontend and backend tasks, practiced building basic APIs, integrating user interfaces, and working with databases, followed best coding practices, and built a strong foundation in full stack development.

Technical Skills

Front-end stack

React, Next.js, TypeScript, Tailwind CSS

Back-end Stack

Node.js, Express.js, NestJS, Python , Go

Database

PostgreSQL, MySQL, Prisma ORM, Firebase

Development & Operations

Git, GitHub, Docker, AWS

Personal Projects

E-commerce marketplace platform

Developed a full stack e-commerce marketplace platform with product management, authentication, shopping cart, and responsive user interfaces. Focused on frontend performance, reusable component architecture, and seamless integration between frontend and backend services for scalable online shopping experiences.

Tech Stack - React, Redux Toolkit, Node.js, Express.js, MongoDB, TailwindCss, JWT, ShadCn

Retail Management System

Developed a Flask-based role-based access control system for retail businesses featuring inventory tracking, sales analytics, and multi-role user management. Implemented secure JWT authentication, RESTful APIs, and Docker containerization for scalable deployment. Built sales dashboards, inventory management features, and granular permission control for different business roles including Business Owners, Store Managers, and Cashiers using Python Flask, PostgreSQL, Docker, and modern web technologies.

Tech Stack - Python Flask, PostgreSQL, Docker, JWT Authentication, REST APIs, Tailwind CSS

YGLC LMS System

Developed a full-stack guitar learning platform with course catalogue, manual payment-based enrolment, and gated lesson video streaming. Implemented Supabase Row Level Security for database-level access control and built a role-based admin console for managing courses, lessons, enrolments, students, and promo codes. Added KBZPay payment review, Telegram bot notifications, Playwright E2E tests, unit tests, and Husky pre-commit hooks with Prettier and ESLint. Built with Next.js, TypeScript, Supabase, and Tailwind CSS.

Tech Stack - Next.js, TypeScript, Supabase, Bunny Stream, Tailwind CSS, shadcn/ui, Telegram Bot API, Playwright, Vercel

Additional Information

- Certifications: CS50:Introduction to Computer Science.
- FreeCodeCamp: Responsive Web Design Certificate
- Anthropic Academy ([Claude101](#), [ClaudeCode101](#))
- MERN Stack Web Development course (CodeHub)
- 100 Days of DevOps (KodeKloud)
- **GitHub:** <https://github.com/SaiThihan>
- **LinkedIn:** <https://www.linkedin.com/in/sai-thi-han-9a36a237a>
- **Portfolio:** <https://saithihan.vercel.app/>