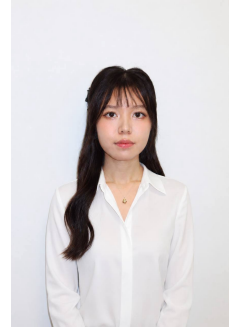


MAY THET NAING BO

Software Developer | Full-Stack Development | Building Modern Web Applications
+65 89104950 | maythetnaingbo.contact@gmail.com



Portfolio Website: <https://maythetnaingbo.com>

LinkedIn: <https://www.linkedin.com/in/may-thet-naing-bo>

GitHub: <https://github.com/MayThetNaingBo>

SUMMARY

Recent Diploma in Information Technology Graduate from Temasek Polytechnic with hands-on experience building full-stack web applications, secure backend APIs, and user-facing platforms using React, TypeScript, Node.js, NestJS, and relational databases. Experienced in building user-facing applications, API integration, testing, debugging, deployment and supporting users through clear communication.

EDUCATION

Temasek Polytechnic

Diploma in Information Technology

Singapore

April 2023 – May 2026

DHS Dagon High School, North Dagon, Yangon

Myanmar Matriculation Examination – Passed

Myanmar

June 2021 – March 2022

- Distinctions in Mathematics, Physics, Chemistry, and Biology

PROJECTS

Portfolio: Additional projects, live demos, source code, and technical details are available at maythetnaingbo.com.

CodeGuard AI | *NestJS, TypeScript, Prisma, PostgreSQL, JWT, Gemini AI, Docker*

- Built a secure full-stack platform for analysing GitHub repositories, with authentication, role-based access control, rate limiting, scan history, and usage tracking.
- Designed RESTful APIs and database workflows and integrated Gemini AI for automated code-quality and security analysis.
- Deployed the frontend and backend using Vercel and Render and troubleshoot production configuration and integration issues.

ConcertHub | *React, Node.js, Express.js, MongoDB, Stripe, Socket.io*

- Developed a full-stack concert ticket booking platform with user, administrator, event, and booking management features.
- Implemented JWT authentication, protected routes, real-time seat reservation, reservation expiry, cancellation, and dynamic pricing.
- Integrated Stripe Checkout, QR-code ticket generation, and Cloudinary to support end-to-end booking and media workflows.

EDU-Family | *Next.js, React, TypeScript, Tailwind CSS, Context API*

- Developed the official website for EDU Family Private High School, a real educational institution in Myanmar, in collaboration with the client.
- Translated client requirements into responsive pages for admissions, academics, achievements, galleries, and contact information.
- Implemented bilingual English and Burmese language support and continued improving the website based on client feedback.

Merlion FX | *Python, Flask, REST APIs, Bootstrap, JavaScript*

- Developed a Flask-based financial web application for currency conversion, exchange-rate monitoring, payment flows, and data visualisation.
- Integrated multiple external APIs for real-time exchange rates, Myanmar Central Bank rates, historical charts, and financial news.
- Tested and debugged API integrations, payment workflows, frontend behaviour, and deployment environment configuration.

WORK EXPERIENCE

AI Automation Engineer Intern

September 2025 – February 2026

Tertiary Infotech Academy Pte Ltd

Woodlands, Singapore

- Supported AI automation workflow exploration, basic testing, troubleshooting, and technical documentation activities.
- Assisted in understanding user requirements and translating operational needs into automation-related tasks and workflow improvements.
- Prepared user guides, learning materials, and documentation to support internal users and training activities.
- Provided initial support for basic software-related enquiries and escalated more complex issues to the appropriate team members.

Part-Time Banquet Server

September 2023 – April 2026

Shangri-La Hotel

Orchard, Singapore

- Supported large-scale formal, VIP, and government events in a fast-paced customer-facing environment.
- Strengthened communication, teamwork, reliability, and service-oriented problem-solving skills.

LICENSES & CERTIFICATIONS

KNIME Analytics Platform – L1 Certification | *KNIME*

Issued Aug 2023

Software Development Life Cycle (SDLC) | *LinkedIn Learning*

Issued Nov 2024

Creating and Hosting a Full-Stack Site | *LinkedIn Learning*

Issued Dec 2024

TECHNICAL SKILLS

Programming Languages: Python, TypeScript, JavaScript, SQL, HTML/CSS, Dart

Frontend: React, Next.js, Flutter, Bootstrap, Tailwind CSS

Backend: Node.js, NestJS, Express.js, Flask, REST APIs

Databases: PostgreSQL, MySQL, MongoDB, Firebase Firestore

Cloud & DevOps: AWS, Docker, Git, Vercel, Render, Google Cloud Platform

Security: JWT Authentication, Role-Based Access Control (RBAC), REST API Security, OWASP Top 10, Application Hardening

PROFESSIONAL SKILLS

- Strong problem-solving and analytical thinking
- Clear communication with technical and non-technical stakeholders
- Collaborative team player with experience working in fast-paced environments
- Adaptable, quick learner, and committed to continuous improvement

CO-CURRICULAR ACTIVITIES

Temasek Polytechnic International Student Group (TPISG) <i>Subcommittee Member</i>	2023 – 2026
• Planned and facilitated bonding activities and icebreaker games to welcome new international students and encourage peer connections.	
Temasek Polytechnic SENvocates <i>Member</i>	2023 – 2026
• Volunteered to support students with disabilities and promote an inclusive campus environment.	

REFERENCES

Professional references are available upon request.