

Nan Su Yee Yee Htike

Junior Software Engineer | Flutter & Mobile Development



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📍 Bangkok, Thailand

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🔗 <https://nansuyee.me/>

🐙 github.com/Claretlily

High-achieving (GPA 3.97) Junior Software Engineer and Stamford International University graduate with a focus on cross-platform mobile development. Trilingual professional (English, Mandarin, Thai) and CS50x certified, with experience building modular applications and integrating secure RESTful APIs. Committed to delivering well-structured, reliable solutions in Agile team environments.

🧠 Skills

Mobile Development

Flutter, Kotlin, Dart, State Management

Back-end & Database

Python (API Integration), MySQL, PostgreSQL, Database Design, Query Optimization.

Tools & Methodology

Git, GitHub, Agile Development, Figma (UI/UX), Command-line tools

Database

MySQL, SQL, Database Design, Query Optimisation

🌐 Languages

English

(Fluent)



Mandarin

(TOCFL Level 3 / Intermediate)



Burmese

(Native)



Thai

(Basic)



📁 Experience

Software Engineering Intern

Marlo Group [🔗](#)

Mar 2025 – May 2025

Bangkok, Thailand

- Developed a command-line weather application using Python and RESTful APIs to fetch and display real-time global weather data
- Implemented secure API key management using environment variables (.env) and ensured reliable performance through input validation and error handling

- Collaborated in an Agile team environment, participating in weekly meetings and using Git/GitHub for version control and code reviews

Projects

The NightShift (Game Development)

- Architected a 2D simulation using Object-Oriented principles and the Flame engine for complex character interactions.
- Engineered a seamless player movement system using enum-based state management for fluid animation transitions.
- Optimized real-time game loops and collision detection to ensure high performance.

HexBin (Number System & Data Utility)

- Developed a privacy-focused, offline-first conversion tool supporting Binary, Octal, Decimal, Hexadecimal, ASCII, Base64, and UTF-8. Engineered a "Smart History" system and a Bit Viewer for visual bit-level data representation, enhancing educational value for CS students.
- Implemented a reactive multi-format conversion engine that processes inputs locally and displays results across all formats instantly.
- Designed a high-performance, minimalist dark interface optimized for speed and responsiveness on mobile devices.

FetchFresh Application (Concept & UI/UX)

- Designed a marketplace concept in Figma to connect local farmers with organic vegetable consumers.
- Mapped user flows and system data structures to promote sustainable consumption models.

Education & Certifications

Bachelor of Science in Information Technology

Stamford International University 

- GPA : 3.97

Nov 2022 – Dec 2025

Bangkok, Thailand

CS50x: CS50's Introduction to Computer Science (Certificate)

HarvardX 

Mar 2026

Higher National Diploma (HND) in Computing (Software Engineering)

Info Myanmar University 

Jul 2019 – Sep 2022

Yangon, Myanmar

TOCFL (Level 3 - Intermediate)

Ministry of Education ROC (Taiwan)

Apr 2026

Bangkok, Thailand