THWIN HTOO NAING

Junior Java Developer

Thailand | GitHub / ThwinHtooNaing | LinkedIn / Thwin Htoo Naing

I study computer science at Rangsit University and build web applications in Java and Spring Boot. Outside class, I work through programming exercises in Scheme. To understand how timing affects a circuit, I built a simulator and traced how a signal moves through an adder.

PROJECT EXPERIENCE

City Star Clinic | Appointment booking system

Source code

- Built a booking workflow where patients search by doctor and time, reserve a slot and track their appointments. Doctors set their availability and confirm or cancel bookings.
- Used a database transaction to update an appointment and create its patient notification together.
- Wrote Spring Data JPA queries for the doctor dashboard, including the next three pending appointments for the day. Used Java streams to calculate daily patient counts.

Khine Myanmar | Multi-vendor marketplace

Source code | Watch the project demo

- Built a Spring Boot marketplace where shops list products, customers place orders and administrators assign deliveries. Used Spring Security to control access for each role.
- Wrote JUnit and Mockito tests for checkout, sales reports and delivery assignments, including a case where a delivery record already exists.

University intranet | Course enrollment API

Source code

- Built REST endpoints to create enrollments and retrieve paginated lists by student or course offering. Tested JWT login for valid credentials, unknown users and incorrect passwords.

Thai–English translator

Source code | Try the Streamlit app

- Trained word-alignment models on Thai and English sentence pairs. Wrote a beam-search decoder that ranks translations using a bigram language model.

TECHNICAL SKILLS

Java and backend Java 21, OOP, collections, Stream API, Spring Boot, Spring MVC, dependency injection, Spring Security, REST APIs, JWT

Databases SQL, MySQL, relational modeling, Spring Data JPA, Hibernate

Tools and testing Git, GitHub, Maven, JUnit 5, Mockito, IntelliJ IDEA

Web and mobile Thymeleaf, HTML, CSS, Bootstrap, JavaScript, Node.js, Express, Flutter, Dart

Data and ML Python, NumPy, scikit-learn, regression, cross-validation, Streamlit

EDUCATION

Bachelor of Computer Science | Rangsit University, Thailand | In progress

Languages Japanese (JLPT N4)