

SAT PAING THU

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<https://sat-paing-thu-168.github.io/>

SUMMARY

Backend-focused Software Engineer with 3+ years of experience in designing and building scalable applications. Self-taught and passionate about clean architecture, problem-solving, and continuous learning. Excited to contribute to dynamic teams by delivering reliable solutions and embracing new technologies.

WORK EXPERIENCE

Assistant Supervisor (Developer) Oct 2025 ~ Jan 2026
CB Bank PCL

MMQR

- Developed MMQR API for CB Bank's merchant payment gateway.
- Built MMQR Web to support merchant operations.

Technologies: Java, Spring Boot, Spring MVC, Thymeleaf, REST APIs, Microservices, API Gateway.

Branch Booking

- Maintained customer-service and merchants' payment-services modules for the CBPay app, ensuring stability and smooth operation.
- Authored comprehensive documentation covering the full lifecycle, from project initialization to deployment, to support future development and onboarding.

Technologies: Java, Spring Boot, Thymeleaf.

Software Engineer July 2025 ~ Oct 2025
DIR Ace Technology

KOSMO-WEB Health Care System

- Developed and maintained the KOSMO Health Care project using CakePHP.
- Analyzed Requirement Definitions (RD) to ensure accurate implementation.
- Collaborated with team members to deliver features effectively.
- Reported progress regularly to the Team Leader and Project Manager

Technologies: CakePHP, MySQL, Git, Ajax.

Software Developer Trainee (University Internship Program) May 2025 ~ July 2025
Global Innovation Consulting Myanmar

COBOL & IBM RPG Training

- Underwent intensive training in COBOL and IBM RPG as part of a university-backed internship program.
- Focused on legacy system modernization and mainframe programming practices.

Technologies: COBOL, IBM RPG, Excel

OneJPN Japanese Learning Application

- Developed UI for the Japanese language learning section.
- Independently built ~80% of the Tokutei (特定技能) feature, including interactive quizzes and study materials.
- Initiated development of a real-time dictionary tool to support vocabulary lookup (unreleased at time of departure).

Technologies: React Native, Typescript, Redux, Keycloak, Javascript.

Published App: [OneJPN App Download](#)

iTRMS Telecom Roll Out Management System

- Built and optimized mocked-up user interfaces with React, enhancing usability and performance for telecom project management.
- Integrated dynamic dashboards with back-end systems, crafting custom SQL queries for real-time data visualization
- Developed project initial core features with Java

Technologies: React, Javascript, Material UI, Keycloak. Mantine, Java, Spring.

Power Apps & Automation

- Designed a Weekly Report App using Microsoft Power Apps & Power Automate, automate attendance tracking, consolidating Excel files from employees and automating email distribution to HR admins.

Technologies: Microsoft Power Apps, Microsoft Power Automate.

PERSONAL PROJECTS

Modern Kakeibo Budgeting System

- Developed a REST API-based budget management system to strengthen skills in the Java microservices stack and for personal use. Built with Spring Boot, PostgreSQL, and microservices architecture, incorporating Eureka for service discovery and an API Gateway for routing. Integrated Keycloak for authentication to secure the application. The API supports user categories, transaction tracking, and analytical features that provide daily, monthly, and category-based trends, as well as overall balance insights.

Code: <https://github.com/sat-paing-thu-168/kakeibo.git>

Film Frenzy

- Developed a dynamic web platform with Express.js (backend) and React (frontend) for managing movie collections. Implemented a content-based recommendation engine to provide personalized movie suggestions. Built a responsive, intuitive user interface and an admin panel for efficient data management, ensuring seamless user experience

Code: <https://github.com/sat-paing-thu-168/Film-Frenzy>

Recommendation Algorithm: <https://github.com/sat-paing-thu-168/Movie-Recommendation-Algorithm>

Project BookStore

- Developed a full-featured bookstore management system with Spring Boot and PostgreSQL. Designed and implemented secure, RESTful APIs to manage authentication, authors, books, customers, genres, orders, and publishers. Integrated CRUD operations across all entities and enabled features like personalized preferences and favorites for customers. Followed best practices for REST architecture and authentication, and built with scalability in mind

Backend Code: <https://github.com/sat-paing-thu-168/Project-BookStore>

Frontend Code: <https://github.com/sat-paing-thu-168/Bookstore-front>

Recommendation Algorithm: <https://github.com/sat-paing-thu-168/Book-Recommendation>

EDUCATION

Bachelor of Computer Science (Software Engineering)

University of Information Technology

- Relevant Coursework: Software Construction & Evolution, Stochastic Models, Software Quality Management, Social Issues & Ethics, Service Oriented Architecture, Management Principles & Engineering Economics.
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ADDITIONAL INFORMATION

- **Technical Skills:** Project Management, Version Control, Testing, Agile Methodologies
 - **Languages:** English(B2), Japanese(N3)
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