Shine Min Khant

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EDUCATION

King Mongkut's University of Technology Thonburi, School of Information Technology   Bangkok, Thailand
Bachelor of Science in Computer Science   *Expected Graduation, Aug 2027*

- **Cumulative GPA**: 3.94/4.00
- **Related Courses**: Full Stack Web Development | Artificial Intelligence | Data Science | Database Systems | Algorithms & Data Structures | Machine Learning & Agents.

EXPERIENCE

i-LAB, KMUTT Bangkok, Thailand
Frontend Developer June 2025 - Aug 2025

- Developed a **web application** using **React, TypeScript**, and **Tailwind CSS** to assist 150+ master's students with **IS report** writing and guidance.
- Designed and implemented the complete user interface without a dedicated designer, creating an intuitive workflow for **document submission**, **feedback visualization**, and **chatbot interaction**.
- Built an integrated chatbot feature to answer student queries about IS report requirements and guidelines, enhancing the self-service support experience.
- Collaborated with backend and engine developers to integrate report analysis and AI chatbot features, ensuring seamless data flow across the application.

School of Information Technology Bangkok, Thailand
Lead Mentor*, Web Development Course* (50+ students)   Jan 2025 - Present

- **Lead a team of mentors** to deliver a comprehensive web development curriculum, ensuring instructional quality and consistent learning outcomes for 50+ students.
- Mentored students in building **full-stack web applications** using **React, Node.js**, and modern development practices.
- Conduct technical workshops and facilitate mentor coordination meetings to maintain teaching standards and address curriculum challenges.
- Bridge academic theory with practical application by coordinating with course instructors and managing the mentorship program workflow.

Student Mentor*, Java Programming Course*   Aug 2024 - Dec 2024

- Guided students through **object-oriented programming concepts and Java fundamentals** in weekly lab sessions.
- Provided **one-on-one support** to help students grasp algorithmic problem-solving and data structure implementations.
- Collaborated with course instructors to identify common learning gaps and adjust teaching approaches accordingly.

Lat Twae Education Myanmar [Online]
Coding Instructor   [Apr 2023 - Dec 2023]

- Taught **programming fundamentals** including Scratch and block-based programming to young learners.
- Designed engaging **coding challenges and interactive exercises** to develop students' computational thinking skills.
- Mentored learners in problem-solving approaches and debugging techniques, fostering a growth mindset toward programming.

PROJECTS

PocketLM - Custom knowledge bases RAG with Browser extension   Artificial Intelligence Course
Frontend Developer

- Developed a **browser extension** using **React and TypeScript** to capture and ingest web content into a **RAG-powered knowledge base.**
- Integrated FastAPI backend for PDF and web source processing, enabling context-aware retrieval with LangChain and persistent memory.

House Prices Prediction - Kaggle Competition   Data Science Course
Team Member

- Achieved top **385** ranking on **Kaggle** by training and evaluating regression models including Ridge, Lasso, tree-based models + ensemble methods.
- Performed comprehensive data analysis and feature engineering to handle missing values and improve model performance.

Echo - Audio Journaling App   Mobile Application Development
UI Developer

- Developed the **user interface** for an **audio journaling app** using **Flutter**, allowing **voice-based and manual daily activity logging.**
- Integrated LLM-powered voice summarization to automatically generate text summaries from audio recordings.

CampusLink - School Management Web App   Integrated Project Course
Team Lead (Chatbot Feature)

- Led a team of 3 to develop a **chatbot feature** using **React, Node.js, and Google Dialogflow** for a **university management** system.
- **Fullstack**, **orchestrated frontend and backend** development, implementing database-driven query responses for student and university information.

ShareMate - Roommate Finder App   SIT-CS Hackathon
Frontend Developer

- Awarded **1st place** out of 16 teams for a **roommate-discovery web app** built with **React, Node JS and Tailwind CSS**.
- Integrated **Google Maps API** to provide interactive, location-based search and streamlined posting workflows.

SKILLS

Languages: Java | TypeScript/JavaScript | Python | C | SQL | HTML/CSS.
Frontend: React | Tailwind | Shadcn | Tanstack | Chrome Extension API | Flutter.
Backend : FastAPI | ExpressJS | Prisma | Docker.
Tools: LangChain | MemZero | Git | Linux | MacOS | Window.