

CHAVAPON SUWANNA

SOFTWARE ENGINEER

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EDUCATION

Chulalongkorn University, Faculty of Engineering

Aug 2023 - Present

Bachelor's degree in Computer Engineering

Related Coursework

- Data Structures, Algorithm Design, Database Systems, Operating Systems, Computer Networks, Software Engineering, Distributed System Essentials
- GPAX: 3.14**

TECHNICAL SKILLS

- HTML, CSS, JavaScript, React, TypeScript, PostgreSQL, Python, C++, Java

PROJECTS

Wongwianyai-Restaurant & Customer Ordering Web Application

- Built frontend applications with Next.js (React + TypeScript) featuring dynamic menus, real-time order updates, and order-tracking functionality. Designed user-friendly, mobile-first interfaces for QR-code scanning, ordering, and viewing payment history.

Real-Time Chat Application

- Developed a real-time chat application supporting multi-room and direct messaging using React, Node.js/Express, Socket.IO, and MongoDB, featuring JWT-based authentication, user presence tracking, typing indicators, read receipts, and a responsive UI.

Taskhub-Collaborative Task Management Platform

- Developed a platform for personal and team task management (CRUD, archive/restore, team collaboration) by using AI assistance (Cursor, Claude.ai)

The-Car-JavaFX

- Developed a JavaFX-based 2D racing game applying object-oriented programming (OOP) for game logic and real-time rendering.

EXTRA-CURRICULAR ACTIVITIES

LohitClub Chula

Dec 2025

- Participated in a 10-day volunteer camp at Ban Pang Luang School, contributing to fence and wall construction, teaching students, and learning about the hill tribe community's culture and way of life.

Participated in the Intania Case Competition 2025

Mar 2025

- Researched and implemented relevant technologies to support business operations, and designed applications with technical solutions and workflows for the air transportation sector.

Head of Activities, BAS Niti-Vidva 2025

Nov 2024 - Jan 2025

- Led the planning and coordination of interfaculty performances and bonding events, engaging 300+ participants and promoting collaboration.

Participated in the Interscii Hackathon 2024

Nov 2024

- Led a team to develop an advanced waste-sorting machine to improve Bangkok's waste management, enhancing sorting accuracy, reducing food waste, and aligning with community needs.

ADDITIONAL INFORMATIONS

- Github: <https://github.com/Chavaponsuu>
- Languages: English, Thai (native)