Rugsit Rungrattanachai

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EDUCATION

Kasetsart University   **Bangkok, Thailand**
Bachelor of Computer Science   2023-Present

- Cumulative GPA (Year 2 term 1): 3.96
- Received Outstanding Academic Performance Scholarship 3 semester in a row

SKILLS

- Languages: C, C++, Python, Java, JavaScript, Shell Script, sed, awk, HTML5, CSS3, Node.js, Dart, TypeScript, SQL
- Frameworks: ReactJS, Tailwind CSS, JavaFX, Flutter, NextJS
- Tools: Git, Neovim, VS Code, Intellij
- Other: Unix command line

PROGRAMMING PROJECTS

MyRequestKU Project [https://github.com/Rugsit/MyRequestKU] Aug 2024 – Oct 2024
Description: It was developed using Java programming language and incorporates JavaFX and Scene Builder to create a graphical user interface (GUI). Additionally, Git was used for version control to manage and track project changes.
Responsibilities:
- Designed the user interface (UI) and user experience (UX) for the application using Figma.
- Developed the application's UI using Java and JavaFX, ensuring interactivity.
- Integrated the graphical user interface (GUI) with a database to enable dynamic data management.
- Developed the application following the Model-View-Controller (MVC) design pattern

Customer Management Project [https://github.com/Rugsit/Customer-Management-Project] Nov 2024 – Nov 2024
Description: This project is a mock customer management system that I created independently for practice purposes. It utilizes React.js and the Tailwind CSS framework for the frontend, while the backend is built with Node.js and Express.js, and the database is managed using MySQL.
Responsibilities:
- Developed the user interface (UI), styled components, and ensured interactivity using React.js and Tailwind CSS.
- Connected the frontend and backend using REST APIs for seamless data communication.
- Implemented API routes with Express.js and integrated them with a MySQL database for data management.

CNC Lab Recruitment Project [https://github.com/Rugsit/CNC_Recruit_Frontend] Dec 2024 – Feb 2025
Description: This project is a website developed using Next.js and Tailwind CSS for recruiting members into the CNC lab of the Computer Science department. My responsibilities included frontend development, UX/UI design, backend integration, and responsive design. The website facilitates the application process, interviews, and selection of candidates.

PawPocket [https://github.com/nk-n/PawPocket] Dec 2024 – Mar 2025
Description: This project is a mobile application developed using Dart with the Flutter framework. It is designed to assist pet owners by providing features for recording, tracking, and sharing pets within the app. My responsibilities include UX/UI design, frontend development, and database integration using Firebase Firestore. The app also supports interaction with device I/O, such as the mobile camera.

MISCELLANEOUS

- Languages: Thai (Native), English (Intermediate)
- Interests: Software development, Web applications, Mobile applications, UX/UI