

# Nattakorn Klangkhong

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## Summary

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I am a third-year Computer Science student at Kasetsart University with a strong interest in Software Engineering. I enjoy building efficient, user-friendly, and responsive systems using HTML, CSS, JavaScript, and React. I also have experience developing desktop applications with JavaFX and basic knowledge of mobile app development using Flutter, along with a solid understanding of UX/UI principles to create intuitive user experiences.

I am a fast learner, responsible, and able to work well in a team. I am seeking a Software Engineer internship opportunity to strengthen my technical skills, gain real-world experience, and grow into a more proficient developer in the future.

## Education

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### Kasetsart University

2023-Present

Faculty of Science

Bachelor of Computer Science

### Princess Chulabhorn Science High Schools Satun

2020-2023

## Projects

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### Monthongmoon Durian Orchard Management System

Jul 2025 - Nov 2025

- Built a responsive React-based web application to manage and visualize orchard data, focusing on clean, intuitive, and user-friendly UI/UX design.
- Implemented full-stack functionality by integrating the React frontend with a Node.js + MySQL backend, enabling reliable CRUD operations across core agricultural workflows.

### Kasetsart University's request submission

Jul 2024 - Oct 2024

- Developed a JavaFX-based desktop application for managing and processing student request forms, focusing on usability and efficient workflow handling.
- Designed and implemented a multi-role access system supporting students, academic advisors, department staff, faculty staff, and administrators to ensure secure and role-appropriate functionality.

### KUSport&Activity : University Sports & Activity Booking System UX/UI Design

Sept 2025 - Oct 2025

- Conceptualized and designed a full-scale mobile-first application using Figma, focusing on solving student pain points and adhering strictly to established Laws of UX (e.g., Fitts's, Hick's).
- Developed comprehensive UI/UX prototypes and high-fidelity mockups for key features like real-time facility booking and activity matching, ready for front-end implementation.

### Parkinson's Disease Prediction Model

Jul 2024 - Oct 2024

- Developed machine learning models for early Parkinson's disease detection using biomedical voice data, including data preprocessing, feature selection, and hyperparameter optimization.
- Improved model performance to **F1-score 0.77** and **71% accuracy**, experimenting with algorithms such as Random Forest, KNN, and SVM.
- Deployed the final model on **Hugging Face Spaces** for real-time inference and public accessibility.

## Skills

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**Technical Skills:** HTML, CSS, TailwindCSS, Bootstrap, JavaScripts, React, Next.js, Node.js, Github, C, C++, Java, Python, Flutter, MySQL, Figma, VScode, IntelliJ, Photoshop, Premire Pro

**Soft Skills:** Problem Solving, Critical Thinking, Collaboration & Teamwork, Communication, Time Management, Adaptability, Continuous Learning