

JAKRAPAT MATURES

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Summary

Computer Science graduate with a strong interest in software development. A fast learner focused on building practical software engineering and full-stack development skills, looking for opportunities to contribute and grow.

Education

King Mongkut's University of Technology Thonburi (KMUTT), Bachelor of Science in Computer Science, School of Information Technology | GPAX: 3.33 / 4.00 | Second Class Honors | Graduation: 2025

Experience

Token X (SCBX), Software Developer Intern Jun-Aug 2024

- **Microservices Migration:** Migrated legacy Node.js monolithic authentication service to Golang microservices, improving system performance and availability.
- Delivered 4 end-to-end business flows consisting of 9 **RESTful APIs** using the **Go Fiber framework**, successfully deployed 2 flows to the beta environment.
- Developed and executed comprehensive unit tests to ensure code quality and reliability.
- Collaborated with cross-functional teams through daily standups, team ceremonies, and demo sessions.

Projects

NongHai, Full Stack Developer Jan-Nov 2024

- Developed a mobile application for pet reunion utilizing NFC and a real-time communication system to bridge the gap between lost pets and owners.
- Developed a mobile frontend with **Flutter** and integrated it with a **Go Fiber, REST API**
- Architected and optimized a relational database using **PostgreSQL**, ensuring data integrity for pet profiles, owner information, and location logs.
- Implemented **Firebase** for secure user authentication, real-time messaging, and push notifications.
- Managed the full development lifecycle using **Agile/Jira**, designed the UX/UI in Figma, and architected the relational database using ER diagrams.

THBCurrencyCounter, Full Stack Developer/ AI Developer Aug-Nov 2023

- Created a web application to assist visually impaired individuals in identifying and counting Thai currency via camera input.
- Collected and preprocessed datasets using **Roboflow**; trained and optimized object detection models using **YOLOv8**.
- Developed a responsive React.js and Tailwind CSS interface that communicates with a Python Flask backend to process image inference in real-time.

Gift2Grow, Full Stack Developer May-Jun 2023

- Built a mobile donation platform facilitating the exchange of student uniforms and learning materials.
- Developed the backend using **Golang** with **Gorm** and **Go Fiber**, ensuring efficient **MySQL** data management and retrieval.
- Designed and implemented a smooth user interface using **Flutter**, focusing on intuitive navigation for donor and recipient flows.
- Managed the project using Agile methodology.

Moddormmy, Full Stack Developer Apr-May 2023

- Created a dual-role management platform connecting KMUTT students with dormitory owners, featuring tag-based filtering and secure authentication.
- Developed the frontend with **Flutter** and backend using **Golang, Go Fiber, and Gorm**.
- Managed the project using **Agile** methodology.

Technical Skills

Programming Languages: JavaScript, TypeScript, Java, Python, HTML, CSS, Golang, Dart, SQL

Frontend: React.js, Next.js, Flutter, Tailwind CSS, Chakra UI/MUI, Vite.js

Backend & DB: Node.js, Go Fiber, Gorm, Express.js, PostgreSQL, MySQL, MongoDB, Firebase.

Tools: Figma, Postman, Git, GitHub, Firebase Console, Android Studio, Jira, Slack

Languages: Thai(Native), English