Setthapong Thansirisuntorn

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Summary

Enthusiastic IoT Engineering student with strong interest in software development. Experienced in building full-stack applications using React, Node.js, and Flask, with deployment on cloud platforms such as Vercel. Passionate about applying Artificial Intelligence to real-world projects, eager to contribute and learn during an internship opportunity.

Education

King Mongkut's Institute of Technology Ladkrabang (KMITL)

B.Eng. in IoT Engineering (Scholarship), Expected 2026   *2022 – Present*

GPA: 3.12 / 4.00

Languages

Thai: Native

English: Intermediate

Technical Skills

Languages: JavaScript, Python, C, Go (learning)

Frameworks: React, Node.js, Express, Next.js (learning)

Frontend: HTML, CSS, Tailwind CSS, Bootstrap, Figma

Backend: PostgreSQL, MongoDB (basic)

Tools: Git, GitHub, Docker (basic), Vercel

Projects

1.AI-See: Developed an AI-based image recognition web application using **React.js** and **Flask**. Collected and prepared a custom image dataset manually, trained the model with **Python**, **NumPy**, **Pandas**, and **TensorFlow**. Deployed the system on **Vercel** with smooth API integration. **[Live Demo]**

2.SuperTool: Built a full-stack **AI SaaS** platform using **React.js** and **Node.js**. Integrated **Clerk** for user authentication and membership management, and used **Neon (PostgreSQL)** for database hosting. Implemented multiple **OpenAI** and **ClipDrop APIs** for AI-powered features. **[Live Demo]**

3.IoT-Web: Created an IoT dashboard for real-time device monitoring using **React.js**, **Node.js**, and **Axios** for managing HTTP methods and data requests. Designed responsive UI components for smooth user interaction and live updates. **[Live Demo]**

4.GoCart: Developed a full-stack multi-vendor e-commerce platform using **Next.js** and **Node.js**. Integrated **Neon (PostgreSQL)** for database management and **OpenAI API** for intelligent product features. Implemented a role-based system for **Admin**, **Vendors**, and **Buyers**, supporting product uploads, analytics, and store management. **[Live Demo]**

Experience

2025 – Present: Self-learning and building personal projects hosted on GitHub. Collaborated with peers to develop small-scale web applications.

2022 – Present: Active in university programming activities, hackathons, and workshops.

Achievements

Scholarship: Received university scholarship for IoT Engineering program.