Swiss Tangsatjatham

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Portfolio: https://swiss-space.vercel.app/

Professional Summary

Self-taught full-stack developer with a background in aerospace engineering. Passionate about building intuitive and responsive user interfaces with real-world impact. Strong experience with modern web technologies including React, Next.js, TypeScript, and FastAPI. Currently interning remotely with Flowon AI / Kenneth AI, a company based in the United Kingdom, contributing to large-scale onboarding system development and UI improvements.

Technical Skills

- Programming Languages: Python, JavaScript, TypeScript, SQL, HTML, CSS
- Frontend Development: React.js, Next.js, Tailwind CSS, Bootstrap
- Backend & Infrastructure: Node.js, Express.js, REST APIs, PostgreSQL, MongoDB
- Others: Data Structures & Algorithms, API Integration, UI Libraries, Git, GitHub, Figma

Work Experience

Software Engineer Intern
Flowon AI / Kenneth AI (Remote Internship · United Kingdom)   *Mar 2025 – Present*

- Accomplished seamless integration of a new campaign feature as measured by successful collaboration with backend engineers by developing and connecting frontend UI components to the API.
- Adapted quickly to project pivot from Flowon AI to Kenneth AI by seamlessly transitioning to a new workspace, codebase, and communication setup.

Researcher
National Institute of Applied Science of Toulouse, France   *Jun 2023 – Aug 2023*

- Accomplished accurate fluid simulation models as measured by validated output in Ansys by refining computational parameters and solving edge-case behaviors.
- Improved performance and simulation reliability as measured by output consistency by debugging and optimizing existing models.

Personal Projects

TaskFlow – Task Management Web App | **Live Demo:** TaskFlow

- Accomplished a fully functional Notion-style task manager as measured by core CRUD and calendar features by using Next.js, Clerk for auth, and Convex for serverless backend.
- Debugged dozens of rendering and logic issues as measured by reduced user-side errors during use.

Movie Review Website | **Live Demo:** Movie Review

- Accomplished a community movie review site as measured by API-connected movie data and user posts by integrating PostgreSQL and Express.js backend.

Education

Chulalongkorn University, Bangkok, Thailand
Bachelor of Engineering in Aerospace Engineering (International Program)   *Aug 2020 – Jun 2024*

Certifications

- Complete 2024 Web Development Bootcamp – Dr. Angela Yu
- Machine Learning A-Z: AI, Python & R + ChatGPT

Languages

- **Thai:** Native | **English:** Fluent

Key Qualifications

- Strong understanding of frontend and backend development through hands-on projects and internship.
- Experience collaborating in agile environments and integrating third-party tools.
- Eager learner with problem-solving ability and adaptability from a multidisciplinary background.