

AUTSADA WIRIYA

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Portfolio: autsaa.top | GitHub: github.com/AutsadaWiriya

SUMMARY

Computer Engineering student with experience in fullstack development and network design. Interested in network engineering, infrastructure, cloud systems, and cybersecurity. Continuously improving technical skills through hands-on projects and real-world system implementation.

EDUCATION

Chiang Mai University

Sep 2022 - Expected March 2026

Bachelor of Engineering, Computer Engineering

Relevant Coursework: Data Communication, Computer Networks, Comp net design & MGMT, IT Infrastructure and Cloud Tech, Wireless Network, Software Engineering, Full Stack Development

GPA: 3.18 / 4.00

PROJECTS

Gallery Walk Platform Website (Web Application)

Aug 2025 - present

Role: Fullstack & DevOps Developer

Technologies: Bun, Hono, Prisma, PostgreSQL, React, Docker, Tailwind CSS, MinIO

Final Year Project: Developed Gwalk, a fullstack event management platform for Gallery Walk exhibitions, supporting dynamic evaluation systems, role-based workflows (Organizer, Committee, Presenter), and interactive project showcases. Designed and deployed a containerized architecture with object storage integration using MinIO

KinNaiD (Mobile Application)

Feb 2026 - Mar 2026

Role: Fullstack Developer

Technologies: Flutter, Dart, Firebase (Authentication, Firestore), Riverpod, Google Maps & Places API, REST API

Personal Mobile App Development: Designed and developed a comprehensive restaurant discovery and decision-making mobile application as a capstone project, applying software engineering principles to solve the everyday dilemma of choosing where to eat. Key features include location-based restaurant exploration, custom food playlists, user reviews, QR code scanning, and a randomized restaurant selection tool (Siam-Si).

CMU Hub Website (Web Application)

Aug 2025 - Oct 2025

Role: Fullstack & DevOps Developer

Technologies: Bun, Hono, Prisma, PostgreSQL, React, Docker, Tailwind CSS, MinIO

Personal Fullstack Project: Developed CMU Hub, a university-focused social platform that enables students to connect, share content, and interact within a centralized community system, with built-in authentication and Docker-based deployment.

Network Design Project

Sep 2025 - Oct 2025

Course: Network Design and Management

Designed a scalable network architecture based on a site survey at the Faculty of Mass Communication, including service planning, equipment selection, IP addressing, VLAN design, and security configuration.

ACTIVITIES

Cybersecurity Competition Organizer

- CPE CTF 2026, Chiang Mai University | Feb 2026
- CPE x LannaSec RMUTL CTF 2025 | September 2025

Organizing and coordinating a Jeopardy-style onsite Capture The Flag (CTF) competition, responsible for event planning, infrastructure preparation, and participant coordination.

Cybersecurity Competitions

- Thailand Cyber Top Talent 2025
 - Thailand Cyber Top Talent 2024
 - Thailand Cyber Top Talent 2023
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SKILLS

Programming Languages: JavaScript, Python, Java

Web & Frameworks: React, Node.js, Express.js, REST APIs

Databases: MongoDB, PostgreSQL, Firebase

Operating Systems: Linux (CLI, Bash, Process Management)

Networking: VLAN, Subnetting, Routing & Switching, Network Design, TCP/IP

DevOps & Tools: Docker, Git, GitHub

Cloud & Infrastructure: AWS, Huawei Cloud