

# AUTSADA WIRIYA

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## SUMMARY

Computer Engineering student focused on system engineering, cloud infrastructure, and cybersecurity, with a background in full-stack development and DevOps. Experienced in designing and deploying containerized applications, working with networking concepts, and building scalable systems. Actively engaged in CTF competitions, demonstrating strong problem-solving skills in security and network environments.

## 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 (Web Application)

Aug 2025 - Mar 2026

Final Year Project

**Role:** Full-Stack & DevOps Developer | **Tech:** Bun, Hono, Prisma, PostgreSQL, React, Docker, MinIO

- Developed Gallery Walk, a full-stack event management platform for Gallery Walk exhibitions
- Built evaluation system and role-based workflows (Organizer, Committee, Presenter, Guest)
- Designed and deployed containerized architecture using Docker
- Integrated MinIO for scalable object storage

### KinNaiD (Mobile Application)

Feb 2026 - Mar 2026

Course Project – Mobile Application Development

**Role:** Full-Stack Mobile Developer | **Tech:** Flutter, Dart, Firebase (Authentication, Firestore), Riverpod, Google Maps API, REST API

- Developed a restaurant discovery and decision-making mobile application
- Implemented location-based exploration, custom playlists, user reviews, QR code scanning, and randomized selection (“Siam-Si”)
- Applied software engineering principles to solve real-world user problems

### CMU Hub Platform (Web Application)

Aug 2025 - Oct 2025

Course Project – Full-Stack Development

**Role:** Full-Stack & DevOps Developer | **Tech:** Bun, Hono, Prisma, PostgreSQL, React, Docker, Tailwind CSS, MinIO

- Developed a university social platform for content sharing and community interaction
- Implemented authentication, role-based access control, and centralized system architecture
- Deployed using Docker-based infrastructure and integrated MinIO for object storage

### Network Design Project

Sep 2025 - Oct 2025

**Course:** Network Design and Management

- Designed scalable network architecture based on site survey, 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
- Organized and coordinated onsite CTF competition (Jeopardy-style)  
- Handled planning, infrastructure setup, and technical support

### Cybersecurity Competitions

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

## CERTIFICATIONS

- **Certified Red Team Infra Dev (CRT-ID)** - AWS-based C2 infrastructure and cloud security
- **Certified Web Application Penetration Testing Apprentice (kWAPTA)** - Web security testing
- **Certified Multi-Cloud Blue Team Analyst (MCBTA)** - Threat detection & defense
- **Google AI Professional Certificate** - AI and automation tools
- **HCCDA – Tech Essentials** - Huawei Cloud services (ECS, VPC, storage), networking, and cloud infrastructure
- **Basic Cybersecurity** - Security fundamentals

## 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 (EC2), Huawei Cloud