

Phatsanphon Nakaranurak (Sun)

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Graduated Information Technology student specializing in Network Infrastructure and System Engineering. Experienced in developing high-performance network tools using Golang and eBPF/XDP. Passionate about building scalable systems and seeking to contribute to building scalable and reliable infrastructure in a dynamic technology environment.

RELEVANT EXPERIENCE

System Engineer (Co-op)

Dec 2024 – Mar 2025

Innovative Extremist

Bangkok, Thailand

- Developed a high-performance ACL firewall module using eBPF/XDP and implemented a management CLI in Golang.
- Conducted hardware benchmarking to evaluate NIC compatibility and optimize XDP performance.
- Collaborated with the team to simulate DDoS scenarios using TRex, utilizing Zabbix and Grafana for real-time performance monitoring.

Network Engineer (Intern)

May 2024 – Jun 2024

Innovative Extremist

Bangkok, Thailand

- Created an internal firewall web interface for command line control.
- Automated deployment configurations using Ansible and GitLab CI to streamline workflows.
- Utilized Zabbix and Grafana for monitoring.

PROJECT

iJudge | Online Code Judging System (Senior Project)

Dec 2023 – Mar 2026

- Developed a containerized full-stack platform (Next.js, Docker) to replace the school's legacy system.
- Replaced the legacy Python grader with a high-performance Golang and RabbitMQ architecture, resolving resource contention and optimizing concurrency.
- Implemented system monitoring to visualize resource usage and service health, ensuring stability during high-traffic exam periods.

EDUCATION

School of Information Technology, KMITL

Aug 2022 – Mar 2026

Bachelor of Science in Information Technology | Major: Network and System Technology

GPA: 3.33

CERTIFICATE

HCCDA-Tech Essentials

SKILLS

Languages: Go, C, Python, JavaScript, TypeScript, SQL

Infrastructure & Cloud: Docker, AWS, Linux, RabbitMQ, Terraform

Networking & Tools: Cisco IOS, eBPF/XDP, Git, GitHub

Web Technologies: Next.js, React.js, SvelteKit, Tailwind CSS, shadcn/ui

LANGUAGES

Thai: Native | **English:** Intermediate (TOEIC 695) | **Chinese:** Beginner

INTERESTS

VALORANT, League of Legends, Photography, Thai Astrology