



# NITHIS DEEDANKOR

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## ABOUT ME

Computer engineering student with experience in deploying and maintaining system infrastructure for AI-powered applications. Skilled in Linux environments, Docker deployment, REST API integration, and system optimization to ensure reliable and efficient operations. Seeking a System Engineer position where I can contribute to designing, deploying, and improving scalable and high-performance infrastructure.

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## EXPERIENCES

**Innovation department internship, Chunbok Company Limited**

**October 2024**

- Implemented person detection from CCTV using Ultralytics YOLO, collected event data and stored it in a MySQL database through a REST API, and used FFmpeg to send video in real time.

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## PROJECTS

**Attendance Check System**

**May 2023 - Mar 2024**

- Implemented a two-factor attendance verification system using ICMP (Ping) connectivity between routers and registered devices combined with face recognition.
- Led the development team in building a web application using Python Django to perform attendance records and display real-time student status

**Thai License Plate Recognition**

**May 2024 - Mar 2025**

- Implemented license plate detection and Thai character recognition using Ultralytics YOLO.
- Led the development team in building the real-time license plate recognition system and training the model.

**THESIS: Fine-Tuning of car detection system**

**May 2025 - January 2026**

- Worked on deploying Docker container applications, reducing GPU usage, enhancing pipeline effectiveness, and managing multiple video streams.
- Led the team in developing an implementation plan to achieve project objectives, including 95% system accuracy and minimizing resource consumption on edge computing devices.

**Openclaw Supported Penetration Testing**

**May 2026**

- Deployed OpenClaw with the Gemini API on Kali Linux virtual machines to assist penetration testing workflows in a controlled lab environment.
- Configured and connected Metasploitable3 and Kali Linux virtual machines to perform vulnerability assessment and security testing on open-source systems.

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## EDUCATION

**Associate Degree of Computer Engineering Department**

**May 2021 - March 2026**

KOSEN-KMITL

- GPAX: 3.80

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## ADDITIONAL INFORMATION

- Technical Skills:**
  - Programming Languages: Python, Shell script, C, C#, Dart, HTML, CSS, and JavaScript
  - Tools and Technologies: Visual Studio Code, Virtual Machine, Git, Linux CLI, mySQL, Xampp, Docker, AWS cloud, and Openclaw AI assistant
- Soft Skills:** Problem-Solving, Technical Documentation, Advanced Troubleshooting
- Languages:** Thai (Native), English (Proficient), Japanese (Intermediate)