

Run Nakjeen (ริญญ์ นาคจีน)

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Introduction

I am Third-year (2024) **Computer Engineering student at Kasetsart University with a GPA of 3.58.** Passionate about a wide range of topics, including Artificial Intelligence, Cybersecurity, Software development, Operator system and Networking. Constantly seeking opportunities to challenge myself and expand my skills.

Skills

Programming Languages: C++, C, Python, JavaScript, TypeScript, Bash, Java, SQL, Rust, Go
Technologies: TensorFlow, PyTorch, Kubernetes, Docker, Git, Airflow, Nest.js, React Native, React, Svelte
Skills: Linux, Problem Solving & Algorithms, Image processing, NLP, Web Security, Reverse Engineering, Networking, Data Pipelines, OS

Experience

Data Engineer Intern

April 2024 – June 2024

Innovative Extremist (INOX)

- Designed and optimized Airflow DAGs to enhance workflow efficiency.
- Implemented robust data quality checks to ensure pipeline reliability and accuracy.
- Improved pipeline task integration by implementing data passing between tasks.

Projects

Food Delivery App (Group Project)

Lead Developer

Led the development of a microservices-based food delivery application using React Native, featuring real-time chat, GPS tracking, order cart functionality, and reporting tools. Designed the system architecture and implemented agile workflows. Developed the backend with Nest.js, connected to a database using Prisma, and utilized Kafka for inter-service communication. Deployed on Kubernetes for production, used Docker Compose for local testing, and automated the CI/CD pipeline with GitHub Actions.

Web-based IDE Emulating Linux on Browser

ide.runnakjeen.com 

Developed an online IDE featuring a code editor, file storage, and a console emulating a Linux environment. Enabled users to write and execute code directly in the browser without local setup.

Pop-Can: Free Popcat Parody Supporting 300 Users Simultaneously

pop-can.runnakjeen.com 

Using entirely free services. Developed the application to support 300 unique users simultaneously.

Achievements

- **Thailand Olympiad in Informatics** (2020 and 2021) national programming competition
 - Received a special award in 2021 (scores on the first day were the furthest from the second day).
- **Thailand Cyber Top Talent** (2022 and 2023) National Cyber Security Agency (NCSA)
 - Ranked 14th out of 354 participants in 2023.
 - Reverse engineering, web security, network security, forensics and mobile.
- **18th KU KPS National Conference and Silver medal SCiUS Forum (national science project competition)**
 - Research on the separation of rice varieties using AI and image processing.
- **Pass to Level 2 SUPER AI Engineer Season 3** (2022)
- **Winner of Innovation Robotic AI & IoT Contest** (2023)
 - Developed a hardware and software that measures and predicts daily cow's milk production.
 - Using esp32 send data to server with MQTT and deploy ML model on server.