

# 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**. I enjoy learning new things every day. Passionate about a wide range of topics, including Artificial Intelligence, Cybersecurity, Data Analysis, Software development, Operator system and Networking. Constantly seeking opportunities to apply and expand my skills in cutting-edge technologies and innovative projects.

## Skills

**Programming Languages:** C++, C, Python, JavaScript, TypeScript, Java, SQL, Rust, C#, Go

**Technologies:** TensorFlow, PyTorch, Kubernetes, Docker, Apache Airflow, Nest.js, React Native, Redis, PostgreSQL, Svelte

**Skills:** Linux, Problem Solving & Algorithms, Web Security, Reverse Engineering, Networking, Data Pipelines

## 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 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. Implemented features for order processing, real-time tracking, and user authentication.

### Web-based IDE Emulating Linux on Browser

[ide.runnakjeen.com](https://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: Popcat Parody Supporting 300 Users Simultaneously

[pop-can.runnakjeen.com](https://pop-can.runnakjeen.com) [🔗](#)

Created a Popcat parody game using entirely free services. Engineered the application to support 300 unique users simultaneously with minimal latency.

## Achievements

- **Thailand Olympiad in Informatics** (2020 and 2021)
  - Participated in a national programming competition focusing on problem-solving and algorithms using C and C++.
  - Received a special award in 2021 (scores on the first day were the furthest from the second day).
- **18th KU KPS National Conference and SCiUS Forum** (2021)
  - Published and presented research on the separation of rice varieties using AI and image processing.
  - Won a silver medal in the national science project presentation.
- **SUPER AI Engineer Season 3** (2022)
  - Passed rigorous training and was selected to continue in an advanced AI program.
- **Creative AI Camp by CP-ALL** (2021)
  - Selected to join an intensive camp focusing on artificial intelligence and its applications.
- **Thailand Cyber Top Talent** (2022 and 2023)
  - Participated in a national cybersecurity competition organized by the National Cyber Security Agency (NCSA).
  - Ranked 14th out of 354 participants in 2023.
- **KPMG Cyber Security Challenge** (2022)
  - Competed in cybersecurity challenges involving web exploitation, reverse engineering, and networking.
- **Winner of Innovation Robotic AI & IoT Contest** (2023)
  - Developed a device that measures and predicts daily cow's milk production using AI.
  - Recognized for innovation in robotics and IoT applications.