Run Nakjeen (รัญชน์ 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, C#, Go
Technologies: TensorFlow, PyTorch, Kubernetes, Docker, Git, Apache Airflow, Nest.js, React Native, Redis, PostgreSQL, 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 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 agile workflow. Designed system, technical architecture. 3 mobile apps, 1 web app, 1 backend, 1 database. Microservices backend and inter-services communicate with kafka.

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.
- **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.
- **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.
- **Creative AI Camp by CP-ALL** (2021)
- **KPMG Cyber Security Challenge** (2022)