

# Nattanan Jeungtanasirikul

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## SUMMARY

Competitive programmer with experience developing scalable web applications and teaching data structures and algorithms at POSN camp.

## EDUCATION

- **Chulalongkorn University** – B.Eng. Computer Engineering, 2025 – present | Expected 2029

## AWARDS

- **1<sup>st</sup> Place** - The 19<sup>th</sup> Thailand Olympiad in Informatics (TOI19), 2023
  - National competition in algorithms and programming among high school students.

## SKILLS

- Languages: C++, Python, Typescript, Go
- Library / Frameworks: React.js, Next.js, Tailwind, Express
- Database: PostgreSQL
- Tools / Services: Git, Docker, AWS

## PROJECTS

- **Exprec – Expense Tracking Website**
  - Developed Next.js frontend, providing dashboard and expense visualization.
  - Built a Go backend with clean architecture, Fiber REST APIs, and PostgreSQL via GORM. Integrated Google OAuth2 authentication for login/registration.
  - Deployed the backend on AWS EC2.
- **Clean Go User Service**
  - Developed a Go-based user authentication service using Clean Architecture, supporting Google OAuth2 login/signup, and secure access/refresh token flows with rotation.
  - Implemented REST APIs with Gorilla and used PostgreSQL and Redis as databases.

## ACTIVITIES

- **Teaching Assistant – BUU POSN Camp (2023 – 2025)**
  - Instructed high school students in data structures and algorithms, and designed competitive programming problems for contestant selection.

## LINKS

- Github: [github.com/KimNattanan](https://github.com/KimNattanan)
- Portfolio: [nattanan.kim](https://nattanan.kim)