



# Krid Heprakhone

<https://github.com/riflowth>  
<https://linkedin.com/in/krid-heprakhone>  
riflowth@gmail.com

A college student with a technology passionated, love in software development and cutting-edge technologies

## Skills

### Language

- Go
- TypeScript / JavaScript
- Java
- SQL
- HTML / CSS

### Web Development

- React / Preact / Next.js
- NestJS / Express.JS
- Svelte
- TailwindCSS

### Database

- MySQL
- InfluxDB
- Redis
- MongoDB

### DevOps

- Kubernetes
- Docker
- GitHub Actions
- Vault
- Terraform

### Others

- Grafana
- Prometheus
- Loki
- gRPC

## Experiences

### Agoda Services Co.,Ltd.

Site Reliability Engineer Intern

<https://www.agoda.com/>

**Bangkok (Hybrid)**

Jun 2023 - Mar 2024

- Optimized the in-house alert message sender, significantly reducing message latency from minutes to seconds.
- Enhanced alert data visualization by optimizing rendering logic, resulting in an 85% reduction in processing time.
- Improved the in-house tools within the SRE team by integrating new technologies aimed at reducing downtime at Agoda.
- Collaborated with the Bangkok Metropolitan Administration (BMA) to host the Agoda Tech Day Camp.

### CPE KMUTT Student Union

Tech Lead & DevOps engineer

<https://github.com/cpe-kmutt-student>

**King Mongkut's University of Technology Thonburi**

Jun 2021 - Present

- Led and provided architectural and technological guidance to the developers responsible for university event platforms.
- Established a union to assemble engineers who will assist the university department projects.
- Used cutting-edge technology to configure the infrastructure and deploy the application to the production environment.

### The Existing Company

Full-stack Software Engineer Intern

<https://www.existing.co>

**Bangkok (Work from home)**

Jun 2022 - Jul 2022

- Developed a new codebase for a company side-product to enhance the company's profit margin.
- Participated in the development of the company's main-stream product, Kaikong.live.
- Provided valuable advice on server infrastructure optimization to reduce deployment costs.

## Technical Projects

### Codern (2024)

An open-source coding platform trusted by KMUTT, Codern has been utilized in the university's coding competitions, such as the Bangmod Hackathon 2023-2024, as well as in university classes. Codern serves approximately 1 million requests per month with a 99.99% success rate and millisecond P99 latency.

<https://github.com/codern-org>

### TSLombok (2023)

An open-source project that has developed a TypeScript decorator-based module, enabling developers to reduce boilerplate code and make their code more fatty-free. Inspired by the Java library project Lombok, TSLombok primarily utilizes the TypeScript compiler API behind the scenes.

<https://github.com/vectier/tslombok>

### Web Integration for Game Server Plugin (which developed with foreigner developers) (2020)

An open-source project developed for integration with a foreign game server plugin called SkinsRestorer, which has millions of users. My role involves creating an integrated web application to work with SkinsRestorer, known as SkinSystem.

<https://github.com/SkinsRestorer/SkinSystem/>

## Education

**King Mongkut's University of Technology Thonburi (KMUTT)** Bachelor of Engineering Program in Computer Engineering  
**August 2020 - Present** (Currently a Senior or 4th year student)

**Surawittayakarn School, Surin Science Mathematic English Technology Program (SMET)**  
**2014 - 2020**