



# Krid Heprakhone

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

## Skills

Language	Web Development	Database	DevOps	Others
- Go	- Fiber / net/http	- MySQL	- Kubernetes	- Grafana
- TypeScript / JavaScript	- React / Preact / Next.js	- InfluxDB	- Docker	- Prometheus
- Java	- NestJS / Express.JS	- Redis	- GitHub Actions	- Loki
- SQL	- Svelte	- MongoDB	- Vault	- RabbitMQ
- HTML / CSS	- TailwindCSS		- Terraform	- gRPC
				- Linux

## 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

- Established a union to assemble engineers who will assist the university department projects.
- Led and provided architectural and technological guidance to the developers responsible for university event platforms.
- Utilized GitHub action / ArgoCD to automate the deployment pipeline for the application to the production environment.
- Established a Kubernetes cluster for the department, integrating it with Grafana and an alerting system to provide valuable insights.

### 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. Codern has received numerous positive feedback from its users.

<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