



# Phuridis Koriparb (Optra)

## Contact

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## About me

4th-year Computer Science student seeking a Cloud Engineer / FinOps (Co-op/Internship) role. Eager to apply and continuously expand my knowledge in Cloud Architecture (AWS), Containerization (Docker), and Infrastructure as Code (Terraform). I am passionate about cloud optimization, resource management, and understanding how software impacts infrastructure costs. With a solid foundation in system architecture and a growth mindset, I am excited to tackle cloud challenges and learn alongside an experienced team.

## Skill

### Technical Skills

- Languages:** Go, Python, Java, JavaScript, Dart, HTML/CSS
- Frameworks & Databases:** Vue.js, Node.js, Next.js, Nuxt.js, TiDB Cloud, PostgreSQL, MySQL
- Cloud & DevOps:** AWS, Vercel, Docker, Terraform (IaC), GitHub Actions (CI/CD)
- Sec & FinOps:** SonarQube (DevSecOps), Cloud Cost Optimization, Governance
- Architecture & Concepts:** RESTful API, Multi-tier Architecture, RBAC, Microservices
- Tools:** Git, Postman, DataGrip, DBeaver, Navicat

### Projects & Practical Experience

#### Cloud Engineer Development

- Simple-cloud-lifecycle
  - Architected a centralized FinOps platform utilizing Next.js, Go, and PostgreSQL.
  - Integrated AWS Cost Explorer via IAM Least Privilege and implemented a multi-tier schema with Cognito RBAC to enforce secure, role-based cost visibility.
  - Implemented automated resource sweepers and real-time MTD tracking to optimize cloud governance and reduce idle infrastructure costs.
  - Configured a GitHub Actions CI/CD pipeline with SonarQube integration to automate code quality checks and security vulnerability scans.

#### FinOps Learning

- Cloud Financial Management
  - Studying FinOps methodologies (ROI, NPV, MoM analysis) and applying cloud cost optimization strategies primarily within AWS environments

#### Full-Stack & Mobile App Development

- I Recruit OT HR System
  - Developed a production-ready HR management system using Vue.js, Node.js, and MySQL. Core features include an automated Overtime (OT) reimbursement module with dynamic hourly calculations and role-based data isolation to ensure secure and efficient employee compensation workflows.
- Adopt Me (Pet Adoption & E-commerce Platform)
  - Built a full-stack platform for pet adoptions and e-commerce using Next.js, JavaScript, CSS, and TiDB Cloud, streamlining database management and connections through DBeaver
- Mini Projects & Algorithms

Developed "Fast Train" (a Dart-based application for dynamic transit fare calculations across station routes), "MovieX AI" (a recommendation engine built by integrating and training pre-existing machine learning models with movie datasets), and "RSU Volunteer" (a university volunteer management system featuring QR-based check-ins and admin approval workflows).

## Education

- Bachelor of Science (Computer Science)**  
Rangsit University  
Currently enrolled
- FinOps Fundamentals**  
Self-taught via FinOps Foundation resources  
Currently enrolled



## Languages

- Thai (Native)**
- English (Intermediate)**



## Soft Skill

- Cross-functional Collaboration
- Effective Communication
- Analytical Problem Solving
- Team Coordination