



Seng Porkeat

Devops Engineer

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Phsar Thmey , Daun Penh, Phnom Penh, Cambodia

Sex: Male | Date of birth: 04 Sep 2004 | Nationality: Cambodian

ABOUT ME

I am a passionate DevOps Engineer and Software Engineering student focused on building scalable, secure, and cloud-native systems. I developed Autonomous (A8S), a full-stack deployment platform built from scratch using Kubernetes, GitOps, CI/CD automation, monitoring, and DevSecOps practices to simplify application deployment and infrastructure management. My experience includes designing automated deployment pipelines, managing containerized environments, integrating security into development workflows, and building modern infrastructure solutions using technologies such as Docker, Kubernetes, Jenkins, Argo CD, Terraform, Vault, Prometheus, Grafana, and cloud platforms.

RELEVANT SKILLS

Critical Thinking

Communication

Technological skills

Conflict Resolution

Organization

Time Management

Problem Solving

Attention to Detail

WORK EXPERIENCE

Backend Developer Intern

Microservice Migration & System Architecture

3 month

- Assisted in migrating backend systems from monolithic architecture to microservice-based architecture
- Designed and documented system architecture diagrams for backend services and infrastructure workflows

Project Training

- **Autonomous (A8S):** A cloud-native deployment platform focused on automating application deployment, CI/CD workflows, container orchestration, infrastructure management, scalability, monitoring, security, and DevOps automation using modern cloud-native technologies.

Responsibilities:

- Data Collection
- Project analysis
- Database design
- UX/UI Design
- Front-end
- Organize structure of the project
- API Implementation
- Backend
- Setup some Tools
- Deployment

- **Cambostack:** is a modern forum platform built to connect ISTAD students and mentors in a collaborative learning community. With bilingual support (English & Khmer), role-based access, and interactive Q&A features, users can ask questions, share answers, and build knowledge together.

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EDUCATION AND TRAINING

SETEC Institute

Bachelor of Management Information System

2024-Present

- C, C++, C#, Java, ASP.NET Programming Language
- Database Management System (SQL Server, MySQL Server, Oracle, MongoDB)
- Data Structure and Algorithm
- Web Development in HTML, CSS, JS, Bootstrap, Laravel, ExpressJs, Angular
- Management Information System
- Network
- Graphic Design

Institute of Science and Technology Advanced Development

Foundation, Fullstack and IT Professional course of Software expert training

2024-2026

Foundation

: March 2nd – August, 26th 2024, Mon-Fri, 4 hours per day

- **Java** : Fundamental Java and OOP concepts, Database Connectivity
- **Frontend** : HTML, CSS 3, Bootstrap 5, Tailwind CSS, UX and UI Design, JavaScript, React.js
- **Database** : PostgreSQL, Basic SQL, Data Modelling
- **Git** : Version Control System, Collaboration, Solving Conflict

Full-Stack

: March 30th – October, 31st 2025, Mon-Fri, 4 hours per day

- **Java** : Fundamental and advanced Java programming, OOP concepts, collections, exceptions, handling, file handling and database connectivity
- **Frontend** : HTML, CSS 3, Bootstrap 5, Tailwind CSS, UX and UI Design, JavaScript, TypeScript, React.js, Server Communication, Next.js
- **Spring** : Spring Boot, JPA, Spring RESTful Web Service, Spring Security, Thymeleaf Template Engine, JWT, Keycloak
- **Database** : PostgreSQL, SQL(Basic SQL, Advanced SQL), Data Modelling
- **Git** : Version Control System, branch management, team collaboration, resolving merge conflicts, GitHub Actions, repository management, pull requests, and CI/CD workflow integration.
- **Deployment** : Linux fundamental, Basic Cloud Service Usage, Web Server Configuration (NGINX), Docker Compose, Basic CI/CD tools

IT Professional : November 23rd – June, 19th 2024, Mon-Fri, 4 hours per day

- **DevOps Engineering** : Linux, Nginx, Shell Scripting, Containerization, Infrastructure as Code, Continuous Integration/Continuous Delivery (CI/CD), Configuration Management, Personalized Artifact Management, Containers Orchestration with Kubernetes, Monitoring, Version Control, Cloud Computing using GCP
- **Key Technologies and Tools** : Git server, Jenkins, Ansible, Docker, Docker Compose, Kubernetes, Prometheus, Grafana, Helm, ArgoCD, Nexus OSS, Sonarqube, Trivy, Harbor, Cloudflare, HashiCorp.

Hun Sen Mittapheap High School

BacII National certificated

2021-2022

PERSONAL SKILLS

Language

- **Khmer** : Native Language
- **English** : Good Writing, Speaking, Listening and Reading

Hobbies

- IT Content sharing on blog and social media
- Listening to music
- Read to Explore new tech and improve skills
- Curiosity and Learning Continuously
- Reading Document
- Research and testing new technology
- Cycling

REFERENCE

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