

Chanheng Menh

DevOps Engineer

Summary

Motivated and detail-oriented Cloud Computing student with hands-on experience in DevOps practices, containerization, and cloud infrastructure using AWS. Proficient in deploying microservices with Docker and Kubernetes, and building backend systems using Node.js, Express, and MongoDB. Strong problem-solving skills combined with a passion for automation and system optimization. Seeking an internship or junior DevOps/cloud role to contribute to real-world projects and expand technical expertise in a dynamic, collaborative environment.



Portfolio

Link

[https://
Chanhenginternjob.Github.io/
Chanheng-Portfolio-0/](https://Chanhenginternjob.Github.io/Chanheng-Portfolio-0/)

Contact

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📍 Ruesseykeo, Phnom Penh / 120707

Education

🎓 **American University of Phnom Penh**
Bachelor's Degree in Digital Infrastructure
(Cloud Computing)
2027

🎓 **BELTEI International School**
2019 - 2022

🎓 **Australian Center for Education**
2020 - 2023

Language

- English (Fluent)
- Khmer (Native Speaker)

Badges

- AWS Academy Graduate - AWS Academy Cloud Foundation
- AWS Academy Graduate - AWS Academy Cloud Architecting
- AWS Academy Graduate - AWS Academy Cloud Developing
- AWS Academy Graduate - AWS Academy Cloud Operations

Online Certificate

- Introduction to DevOps by IBM on Coursera
- Introduction to Software Engineering by IBM on Coursera
- Technical Support Fundamentals by Google on Coursera
- Introduction to GitHub Actions by Duke University on Coursera

Career Objective

Aspiring DevOps Engineer passionate about cloud infrastructure, automation, and building scalable solutions. Eager to contribute to dynamic teams and grow within innovative tech environments.

Skill

⚙️ Programming Languages & Development

- JavaScript - NodeJs API With Cloud Database
- Python
- HTML, CSS, Wordpress Development

⚙️ Databases & Cloud Services:

- SQL: MySQL
- No SQL: MongoDB, DynamoDB, Firebase
- Docker, Kubernetes
- AWS Environment: Hands-On Experience In Cloud Operations, Solution Architecture, And CI/CD, Including Infrastructure Setup, Automation, And Performance Optimization.

⚙️ Version Control & Deployment:

- Git, GitHub
- CI/CD Concepts With GitHub Action

⚙️ Core Concepts & Understanding

- Cloud Computing (Infrastructure & Services)
- Internet Of Things (IoT)
- Artificial Intelligence (AI) & Machine Learning (ML)

Hands-On Experience

- Built and deployed a backend service using Node.js and MongoDB implement using micro-services
- Integrated Firebase for authentication and real-time data storage
- Used Docker for containerization and experimented with Kubernetes for orchestration.

Projects

- Chat Bot using Python on stream and Deepinfra API
- Sudoku Game
- Web Development on Wordpress
- Student Management System: using Node.js, Docker, Kubernetes, and MongoDB

Internship and Volunteer

- Internship at Spring Education Centre: in marketing team making content to promote the school on social media.
- Member of Global Shaper Phnom Penh hub: take part in organize Riel Hackathon for Kids 2024 event as a accommodation and venue team leader.
- IT Support at 20th CamTESOL: Set up projectors, troubleshoot issues, and managed event equipment.

Soft Skills

- Strong communication and collaboration in team environments
- Critical thinker with proactive problem-solving mindset
- Adaptable to new tools, technologies, and challenges
- Committed to continuous learning and self-improvement
- Organized and detail-oriented in both technical and written work

Interests & Hobbies

- Exploring cloud technologies and open-source tools
- Writing and tech journalism
- Participating in tech communities and hackathons
- Personal growth books and podcasts
- Playing strategy games and solving logic puzzles