



Thura Htet Aung

DevOps Engineer & Solution Architect

Contact Information

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About me

I am a DevOps Engineer with over 5 years of experience and a background in software engineering, specializing in cloud-based infrastructure management, DevOps, and ensuring system reliability. I am highly skilled in CI/CD, deployment automation, and infrastructure optimization for high availability.

I am passionate about automation and continuous improvement, I thrive in dynamic environments where I can apply my technical acumen to streamline processes and enhance system performance. My goal is to contribute to high-impact projects while continually expanding my knowledge in Cloud/DevOps and SRE practices. I actively contribute through articles on DevOps and AWS related topics at kalaung.org. This initiative not only highlights my expertise but also contributes to creating a culture of continuous learning within the tech community.

Working Experience

Onenex

Site Reliability Engineer (Full-time)

Sep 2023 - Present

Myanmar (Hybrid)

- Automating infrastructure provisioning, configuration management, and deployment processes
- Ensuring availability, performance, and scalability of systems and services
- Designing, building, and maintaining CI/CD pipelines
- Fostering collaboration with development teams, addressing internal issues
- Upholding security best practices through regular patching,
- Conducting incident response and post-mortem analysis
- Providing AWS Cloud Managed Service to clients
- Mentoring junior-level team members

Expa.AI (Base Technology)

Sep 2021 - Sep 2023

DevOps Engineer & Solution Architect (Full-time)

Myanmar (Hybrid)

- Implemented and maintained CI/CD workflows
- Utilized Terraform and Ansible to provision, configure, and monitor AWS infrastructure
- Managed containerized applications in Docker and Kubernetes
- Upheld security best practices through regular patching, access controls, and compliance with industry standards
- Implemented automated testing frameworks for Node.js applications
- Designed and implemented disaster recovery plans
- Utilized monitoring tools like Prometheus and Grafana to proactively identify and resolve issues within the system

Expa.AI (Base Technology)

Feb 2019 - Sep 2021

Software Engineer (Full-time)

Myanmar (Hybrid)

- Architecting and developing scalable backend services using Node.js
- Reviewing code and providing feedback to the team members
- Maintaining and enforcing coding standards and best practices
- Optimizing the codebase for performance and scalability
- Communicating with clients and providing solutions to achieve their requirements
- Mentoring and training junior-level team members

Tech Contents Contributions

<https://kalaung.org>

(Where we publish tech related contents in Burmese for the community)

Education

Bachelor of Engineering (Electronics and Communication)

2014 - 2020

Status: Left at Final Year due to Covid 19

Yangon Technological University, Myanmar

Communication

- English (C2-Professional)
- Burmese (Native)

Technical Skills

- PHP (Laravel)
- Javascript (Vue.js, Nuxt.js, React.js, Alpine.js, jQuery)
- Typescript
- Python
- Shell Scripting
- MySQL, PostgreSQL, SQLite, DynamoDB, Redis
- Git, Github, Gitlab
- AWS, Digital Ocean, GCP
- Monitoring Tools (Cloudwatch, New Relic, DataDog, Prometheus, Grafana)
- DevOps
- Docker, Kubernetes
- CI/CD (Gitlab CI, Github Actions, Travis CI, Circle CI)
- Ansible
- Linux System Administration
- Infrastructure as Code (Terraform, CloudFormation and so on)
- API technologies (RESTful, GraphQL)
- Drawio

Certifications

- Architecting Solutions on AWS - Amazon Web Services (AWS)
- AWS Certified Solutions Architect – Associate - Amazon Web Services (AWS)
- CS50's Introduction to Computer Science (Harvard Education)
- EF SET English Certificate 78/100 (C2 Advanced) - EF Standard English Test (EF SET)