

Nyein Chan *DevOps Engineer*

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Profile

Results-oriented DevOps Engineer with 3 years of experience in managing cloud environments and deploying scalable applications. Migrated legacy systems to modern infrastructures, enhancing performance and reducing operational costs. Utilized monitoring tools for proactive resource management, improving infrastructure visibility and response times.

Professional Experience

City Mart Holding Co., Ltd

2023/02 – present

Devops Engineer

- Designed and implemented **CI/CD** pipelines using **AWS CodePipeline** and **GitHub Actions**, accelerating release cycles and enhancing deployment reliability.
- Managed and optimized cloud infrastructure using AWS services including **CloudFront**, **ECS**, **RDS**, Auto Scaling, **WAF**, ElastiCache, Route 53, Athena, Systems Manager, and EventBridge.
- Migrated applications from Elastic Beanstalk to ECS, enhancing scalability and deployment efficiency while achieving **99.99% system availability** and **continuous uptime**
- Deployed and maintained a Python-based City Rewards System on AWS, ensuring high availability, scalability, and optimal application performance.
- Automated scheduled Amazon **RDS** scaling using AWS EventBridge and **Lambda** to efficiently handle high-traffic periods and **optimize** database performance.
- Developed **CloudWatch** dashboards and monitoring solutions for ECS environments, facilitating proactive issue detection and enhancing infrastructure visibility.
- Implemented application performance monitoring and observability solutions using **New Relic**, aiding in performance analysis and troubleshooting.
- Migrated **Hybris SAP** Commerce infrastructure from Azure Virtual Machines to Azure VM Scale Sets (**VMSS**), enabling **auto-scaling** and improving system reliability.
- Designed, deployed, and maintained Messaging Gateway services on Azure Kubernetes Service (**AKS**), ensuring high availability, scalability, and stable performance.
- Collaborated closely with development and QA teams within Agile environments to support seamless integrations, efficient issue resolution, and reliable software delivery.

Intern DevOps Engineer

Ferry Management System

- Set up and configured infrastructure on Cloud platforms for the Ferry Management System.
- Utilized GitHub Actions for CI/ CD pipelines and managed server configuration..

Skills

: EKS | ECS | WAF | CloudFront | AWS ALB | RDS | AWS CodePipeline | AKS | Docker | Kubernetes | Terraform | Ansible | Scripting | NewRelic | ELK | GitHub Action | Problem-solving | Infrastructure Automation | Continuous Improvement | Adaptability | Communication | Teamwork and Collaboration

Certificates

- AWS Certified Solutions Architect – Associate 
- AWS Certified Cloud Practitioner 
- Windows Server & Linux System Administrator - From Y_Technologies 
- CCNP ENARSI(300-410) - From Y_Technologies

Projects

Lumina – Cloud-Native GitOps Project



- **Infrastructure as Code:** Provisioned a production-ready AWS environment (VPC, EKS, RDS) using **Terraform modules**, ensuring network isolation and high availability.
- **GitOps Delivery:** Architected a seamless **CI/CD pipeline** using GitHub Actions and **ArgoCD Image Updater** to automate deployments via a "Push-to-Deploy" workflow.
- **Traffic Management:** Configured **Traefik Ingress Controller** on EKS to manage external access and routing for the containerized microservices.
- **Tech Stack:** React, Node.js, PostgreSQL (RDS), Docker, Kubernetes (Kustomize), Helm/ ArgoCD

Education

Bachelor of Arts (BA), Geography

2022 – 2026

Languages

- English - Intermediate