

Nyi Nyi Soe Paing

DevOps & Infra Engineer

Hello! I have over 8 years of professional experience with a strong background in cloud computing, networking, server administration, web application development, databases, and DevOps tools. Most of my work focuses on building, automating, and monitoring reliable applications and infrastructure. I enjoy the DevOps culture, especially the transition from monolithic systems to agile implementations, and I'm now expanding my knowledge into blockchain technologies to stay future-ready.

Contact

Danang, Vietnam

nyinyisoepaing1997@gmail.com

+84825117967

linkedin.com/in/nyi-nyi-soe-paing/

github.com/NyiNyiSoePaing/

nnsp.cloud

Education

Bachelor of Science in Information Technology

- European international university
- Online Learning Program
- 2020-2022

Bachelor of Art English

- Distance Education
- Dagon University,Myanmar
- 2017 - 2020

Diploma in Network Communication

- KMD Institude, Myanmar
- 2015 - 2016

MCSA 70-410

- KMD Institude, Myanmar
- 2015 - 2016

Linux Server Administration

- YMax, Myanmar
- 2017 - 2018

Work Experience

Infra & DevOps Engineer (Remote) — Nov 2025 - Present

EMURGO , Singapore

- Responsible for building and maintaining scalable infrastructure and DevOps workflows for blockchain services.
- Manage containerized workloads on AWS using EKS, ECS, and self-hosted K3s clusters.
- Design and maintain CI/CD pipelines using GitHub Actions and Octopus Deploy to automate build and deployment processes.
- Manage application configurations and deployments with Helm, coordinating release workflows across multiple environments.
- Implement monitoring and alerting systems using Grafana and Better Stack to ensure system reliability and performance.
- Operate and maintain blockchain infrastructure, including nodes, RPC services, validators, and stake pools, ensuring high availability and performance.
- Manage infrastructure as code (IaC) using Terraform and AWS CDK for automated and consistent infrastructure provisioning.
- Troubleshoot infrastructure issues, optimize system performance, and support development teams with reliable deployment pipelines.

SeniorCloudEngineer (Remote) — Feb 2024 - July 2025

Joy Groups , Thailand

- Designing infrastructure architecture and microservice application systems
- Containerizing applications primarily developed in Node.js and Java
- Utilizing AWS Elastic Container Service for container orchestration to automate deployment and scaling
- Developing and deploying APIs using API Gateway, Lambda, and SQS
- Setting up automated deployment pipelines with CI/CD using GitHub Actions
- Implementing Infrastructure as Code (IAC) with Terraform
- Planning and strategizing cost optimization for monitoring application metric usage
- Integrating alert systems for high usage and service incidents

Solution Architect — Jan 2023 - Jan 2024

ABC Content Solution / Yangon , Myanmar

- Setup Infra Architecture Design and Micro Service application system
- design Develop Container orchestration with Kubernetes for automating software deployment and scaling
- Creating and publishing api with API Gateway , Lambda & SQS Setup Automate Deployment with CI/CD ,
- bug reporting and application monitoring system
- Define project scope, objectives, and deliverables in collaboration with other team
- Monitor project progress, identify potential risks, and develop mitigation strategies Lead and manage project teams,
- fostering a collaborative and productive work environment
- Payment Integration with Other Vendors (Kpay, Wave, MPT, Atom, Ooredoo)
- Provide regular project status updates and reports to relevant stakeholder (CEO and CTO)

Skills

- Linux
- Cloud Computing
- Scripting and Ansible
- Docker & Kubernetes
- Terraform
- CDK
- CI/CD

Work Experience

Senior DevOps Engineer
Jan 2021 - Jan 2023

Better HR / Yangon, Myanmar

- Collaborate closely with dev teams to continually implement, maintain, and improve BetterHR (cloud-based SaaS applications on AWS)
- Develop cloud-native SaaS applications on AWS, leveraging a variety of tools including ECS, EC2, VPC, ElastiCache, CloudWatch, Lambda, RDS, EBS, ELB/ALB, SNS, SQS, Route53, S3, ECR, and ECS.
- Redesigning the entire architecture for cost efficiency and scalability through transitioning from a single tenant to a multi-tenant implementation.
- Develop and deploy automated solutions to secure container builds and cloud deployment processes
- Configure usability of all side applications, infrastructure and Maintain a stable server with zero downtime
- Keep a backup before any large changes to server
- Implement ongoing security systems and proactively testing infrastructure and code for vulnerabilities
- incident response and reporting to COO

IT Executive
Sept 2017 - May 2018

MBC Online TV / Yangon, Myanmar

- Installing, Maintaining & Trouble-shooting the Office LAN and WAN
- Designing & Trouble-shooting Local Network Infra for Office
- Administering active directory, domain controller, share folders, AD users and management data volume size for users
- Monitoring and maintaining computer systems, networks, surveillance and IT related equipment to be secured and optimum performance

IT Executive
Jan 2017 - Aug 2017

Hotel Yadanar Theingha / Nay Pyi Taw

- Provide network support and maintain the intended use of IT Services and infrastructure.
- Installation and configuration computer hardware operation systems, printers, scanners , CCTV and related accessories.
- Provide the end user problems such as windows errors, applications errors and system errors
- Monitor and maintain network security and computer systems

Projects

Project Name	Role	Remark
Mahar Mobile (Video Streaming and Music App)	Solution Architect / Team Leader	https://www.mahar.app , Monolithic to Micro-Service Development and Migration) for a leading Myanmar movie streaming platform.
A+ Chat	DevOps (Freelance) with Bagan Innovation Technology Myanmar Company	Internal chat messaging application developed for A+ Bank , Myanmar
Telehealth App	DevOps (Freelance) with MyanCare	https://myancare.org/ , One of the most widely used telehealth apps in Myanmar
Better HR (HRMS)	Senior DevOps	https://betterhr.io (Cloud-based SaaS applications , cost-effective and scalable infra on AWS)
Yoma Connect	Senior DevOps	https://yomaconnect.yoma.com.mm/ HRMS software developed by BetterHR
SecondSwap	DevOps and Infra Engineer	https://www.secondswap.io/ decentralized on-chain marketplace and exchange built specifically for trading locked or vested tokens