Nyi Nyi Soe Paing

Senior DevOps Engineer

I have more than 7 years of experience in my professional journey with strong background in Cloud computing, networking, server administration, web app development, database, and DevOps tools. Most of my time is now spent building, automating, monitoring reliable applications and infrastructure. I love DevOps culture when we moved from Monolith to Agile Implementation.

Work Experience

Senior Cloud Engineer (Remote)   Feb 2023 - Present
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 and AWS CodePipeline
- 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)

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

Contact

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Education

Bachelor of Science in Information Technology
- European international university 2020 - 2022

Bachelor of Art English (3th year)
- Distance Education (Dagon University) 2017 - 2020

Diploma in Network Communication
- KMD Institude (2015 - 2016)

MCSA 70-410
- KMD Institude (2015 - 2016)

Linux Server Administration
- Y Max (2017 - 2018)

Skills

Linux

Cloud

Scripting and Ansible

Docker & Kubernetes

Terraform

Python

Work Experience

Server Administrator
ABC-MIB l Yangon   June 2018 - Jan 2021

- Providing architecture implementation and operational support
- Monitor and test system performance, provide system statistics and reports
- Handling the operation and maintenance for IT infrastructure, Application, ERP, Security and virtualization (VmWare EsXI and oVIrt)
- Web Application Development (php, Laravel, Wordpress, Magento) on Ubuntu and CentOS
- Database Administration (Mysql primarily)
- Automate the development and test automation processes through CI/CD pipeline (GitLab CI/CD & Github Action)
- Cloud Administration (Aws, Digital Ocean, Linode, GCP)

IT Executive
MBC Online TV / Yangon   Sept 2017 - May 2018

- 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
Hotel Yadanar Theingha / Nay Pyi Taw   Jan 2017 - Aug 2017

- 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)
A+ Chat	DevOps **(Part-time Project)** at Bagan Innovation Technology Myanmar Company	Chat messaging app with A+ Bank payment integration
Telehealth Application (MyanCare)	DevOps **(Part-time Project)** at MyanCare	https://myancare.org/
Better HR	Senior DevOps	**https://betterhr.io** (Cloud-based SaaS applications , cost-effective and scalable infra on AWS)
Better HR Payment Integration	Senior DevOps	BetterHR payment Ingration with Yoma/KBZ/UAB Bank and Sampath Bank from Srilanka Country
Yoma Connect	Senior DevOps	**https://yomaconnect.yoma.com.mm/** HRMS software developed by BetterHR
Yoma Social	Senior DevOps	**https://social.yoma.com.mm** social media platform developed by BetterHR for internal purposes.