SiThu**Thwin**

SRE Team Lead and Solution Architect

Traits
Quick Learner
Innovate

Address
CL1-202,
Cityloft@Starcity
Than Lyin Township
Yangon, Myanmar

Contact
Tel: +95 979 7969695
Skype: live:sithuthwin

Mail
sithu@thwin.net

Social
LinkedIn: si-thu-thwin

Web & Git
thwin.net
github.com/herzcthu
gitlab.com/herzcthu

DevSecOps
GitLab CI/CD
Terraform/Ansible
SonarQube
Maven
Docker
ELK/EFK
Prometheus/Grafana
K8S/Open-
shift/Helm/Istio/Sin-
gle Mesh
Pinpoint/Zipkin
PHP
Python/Flask
YAML
Bash
LaTeX
gRPC/mTLS/PKI
AWS/Azure/Oracle
MySQL/MongoDB

Experience

Aug/20 - Now **SRE team Lead and Solution Architect**   YOMA Bank

- Expert in Kubernetes Cluster Management. CI/CD pipeline develop-ments. DevOps and NFR tooling.
- Very well experienced Linux and Windows system administration.
- More than 7 years experienced in working on AWS and Digital ocean. More than 4 years working on Azure Cloud.
- Maintain and manage RHSSO, Keycloak, WSO2 APIM
- Manage VMWare infrastructure. Administrator for Databases such as Mysql, Mongodb, PGsql
- Experience with VCenter management, SAN storage management. Good knowledge with TCP/IP network stacks.
- Leading the team with engineers responsible for VMWare, Azure Cloud, Kubernetes, Oracle, Linux, various applications in banking enviornment.
- Solution Architect for various applications and systems such as Mobile Banking application.

Mar/19 - Aug/20 **Lead DevOps Engineer**   YOMA Bank

- Lead DevOps in Digital Transformation. Responsible for building CI/CD pipeline and Training DevOps Engineers.
- Maintain Digital Banking application backend services which include IBM Websphere, Active MQ, Oracle DB.
- Maintain Core Banking and lead the team responsible for maintainance of the all application in bank system.

Aug/17 - Mar/19 **Assistant Team Lead (System and Database)**   YOMA Bank

- Oracle and MySql management.
- Responsible for daily maintainance of Databases. Improving database and system performance. I have successfully improved 7 hour long DB backup process to complete within 20 Minutes.

Apr/16 - Aug/17 **Senior System Administrator**   Blue Ocean Call Center

- Manage SIP Gateway, Asterisk, VMware, UCS server, SIP routing.
- Responsible for all hardware/software in the whole Data Center with 4 Racks and 10 ESXi Servers.
- Adding/installing/configuring for ESXi Servers, Dell EMC servers.
- Setting up Databases, Web Servers, Applications Servers.
- Develop PHP based applications required for the company. Such as small CRM application.

Referee

Sander Meinema
sander@architectin-
gasaservice.com

Personal Skills

Skills

Microservices **Kubernetes, Helm, Keycloak, WSO2 APIM, RHSSO** DevOps

- Very well experienced with Kubernetes and developing Helm charts
- Maintain Keycloak, RHSSO and WSO2 APIM.
- Applicable knowledge and experienced about API and Restful standards.

Service Mesh **ISTIO, Single Mesh, Service Discovery** DevOps

- Very well experienced with ISTIO, mTLS, Service Mesh

Messaging **Kafka, ActiveMQ, Strimzi, Debezium** DevOps

- Manage and configure Kafka, CDC, MQ

CI/CD **GitOps, GitFlow, Gitlab, Tools Integration, APM, NFR** DevOps

- git operation and gitflow, Jenkin, Jira, SonarQube
- Can work with any DevOps tools used for NFR infrastructure
- Grafana, Prometheus, Jaeger, Zabbix, Pinpoint, Graylog

Database **Oracle, MySQL, MongoDB, SQL** DBA

- SQL Language, Oracle RAC cluster, RMAN, Dataguard, MongoDB cluster, MySQL clusters

Other Experiences and Professions

Trainer **Trainer for DevSecOps Engineering** BIM Training
Teach and train for DevSecOps Engineering classes

Mentorship **Mentor for CS50** Personal
Personal mentor for CS50 - Introduction to computer science

Consultant **ICT Consultant for Election Monitoring** NDI, Washinton DC
Develop data collection software (Web based and SMS). Data syncronization between cloud and local server. This software is used in

- 2015 General Election Myanmar
- 2017 By-Election Myanmar
- 2017 General Election Cambodia
- 2020 General Election Myanmar

Cloud **DataCenter Migration** blueplanet.com.mm

- Move on-prem datacenter to AWS cloud. Auto scaling EC2 instances using spot instance.
- Data replication between on-prem and cloud. Asterisk SIP routing from cloud to on-prem servers.

Certifications and Degree

01/2023 **CKA**   cncf.io
Certified Kubernetes Administrator

04/2019 **LinuxFoundationX - LFS158x**   edx.org
Introduction to Kubernetes

09/2014 **CCNA Cisco Certified Network Associate**   PearsonVUE
Routing and Switching

2001 - 2004 **Bachelor's Degree in German Language**   UFL, Mandalay
Specialized in German Language

Training

Self-Paced **LFS258 Kubernetes Fundamentals**   linuxfoundation.org
Certified Kubernetes Administrator Program

09/2018 **RedHat Openshift Workshop**   RedHat
Openshift setup on-prem with Ansible. Openshift Architecture

07/2018 **VMware Certified Professional 6.5**   BIM Training, VMware Official
Datacenter Virtualization

09/2014 **Advanced Network Engineering**   RHC Technologies
Advanced networking. Routing and switching

March 20th, 2023   **Sithu Thwin**