



SiThuThwin

SRE Team Lead and Solution Architect



Traits

Quick Learner
Innovative

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Mail

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Social

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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

- Responsible for administering of 6 Kubernetes clusters in hybrid cloud environment.
- Responsible for developing DevOps CI/CD pipeline.
- Maintain ISTIO service mesh in hybrid cloud Kubernetes environment.
- Responsible for managing resources on Azure cloud.
- Maintain and manage RHSSO, Keycloak, WSO2 APIM.
- Responsible for administering Kafka Cluster and MongoDB Cluster.
- Manage VMWare infrastructure. Administrator for Databases such as Mysql, Mongodb, PGsql.
- Leading the team with engineers responsible for VMWare, Azure Cloud, Kubernetes, Oracle, Linux, various applications in banking environment.
- 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 maintenance 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 maintenance 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.

Skills

Microservices **Kubernetes, Helm, Keycloak, WSO2 APIM, RHSSO** [DevOps](#)

- Expert in Kubernetes Cluster Management. CI/CD pipeline developments. DevOps and NFR tooling.
- Proficient with Kubernetes and developing Helm charts
- Maintain Keycloak, RHSSO and WSO2 APIM. Have fundamentals knowledge of IAM and APIs.
- Applicable knowledge and experienced about API and Restful standards.

System Engineering **Linux, Windows Servers, Cloud, VMWare** [DevOps](#)

- Expert in Linux.
- Well experienced Windows system administration.
- More than 7 years experienced in working on AWS and Digital ocean. More than 4 years working on Azure Cloud.
- Experience with VCenter management, SAN storage management. Good knowledge with TCP/IP network stacks.

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

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

Referee

Sander Meinema
sander@architectin-
gasaservice.com

Personal Skills



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 synchronization 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.

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