



# SiThuThwin

## SRE Team Lead and Solution Architect



### Quick Leaner

#### Address

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#### Contact

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#### Mail

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#### 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 enviorn-ment.
- 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 Rack 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

## 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

## 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.

## Certifications and Degree

01/2023	<b>CKA</b> <i>Certified Kubernetes Administrator</i>	<a href="https://cncf.io">cncf.io</a>
04/2019	<b>LinuxFoundationX - LFS158x</b> <i>Introduction to Kubernetes</i>	<a href="https://edx.org">edx.org</a>
09/2014	<b>CCNA Cisco Certified Network Associate</b> <i>Routing and Switching</i>	<a href="https://pearsonvue.com">PearsonVUE</a>
2001 - 2004	<b>Bachelor's Degree in German Language</b> <i>Specialized in German Language</i>	<a href="#">UFL, Mandalay</a>

## Training

Self-Paced	<b>LFS258 Kubernetes Fundamentals</b> <i>Certified Kubernetes Administrator Program</i>	<a href="https://linuxfoundation.org">linuxfoundation.org</a>
09/2018	<b>RedHat Openshift Workshop</b> <i>Openshift setup on-prem with Ansible. Openshift Architecture</i>	<a href="https://redhat.com">RedHat</a>
07/2018	<b>VMware Certified Professional 6.5</b> <i>Datacenter Virtualization</i>	<a href="#">BIM Training, VMware Official</a>
09/2014	<b>Advanced Network Engineering</b> <i>Advanced networking. Routing and switching</i>	<a href="#">RHC Technologies</a>

March 20th, 2023

Sithu Thwin