

MICHAEL TAH

AWS SOLUTION ARCHITECT

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Location: MD

EDUCATION

Bachelors in Social science

The University of Yaoundé, Yaoundé,
Cameroon

SKILLS

Cloud Orchestration: Terraform, AWS Systems Manager, Docker, Jenkins, ECR, EKS, and AWS CloudFormation

Monitoring and Event Management: AWS CloudWatch (Events and Logs), AWS SNS, and AWS S3

Configuration Management Tool: AWS Systems Manager, Ansible

Identity and Access Management: AWS Organization, and AWS IAM

Governance and Compliance: AWS Config Rules, AWS Organization, and AWS Trusted Advisor.

Version Control Systems: Git and GitHub, Nexus

Containerization: Docker, Kubernetes
OS: Linux Centos, Red hat 6,7,8 and Ubuntu

Programming Languages: Bash, YML, HCL and JSON

Application Delivery: Jira, ServiceNow, Confluence, Jenkins
CI/CD, Git-hub, AWS Code Pipeline.

Network: VPC, TGW, IGW, and NGW

Image and Patch: AWS SSM Patch Manager, AWS Golden AMI

Ops Analytics: Splunk

AWS Platform: Terraform, AWS CloudFormation, AWS Systems Manager, S3, VPC, EC2, ELB, SNS, Route53, AWS Auto Scaling, Trusted Advisor, CloudWatch, MySQL and DynamoDB

CERTIFICATE

AWS Certified Solutions Architect – Associate | Jun 2020

CompTIA Security+ | Aug 2020

Certified ITIL V4 | Dec 2019

Red Hat Certified System Administrator. | Mar 2019

STMAC™, International Scrum Institute, authorized | Dec 2016

SUMMARY

- 5+ years of experience in AWS Solution Architect planning, designing, implementing and maintaining system applications in AWS Cloud in VMware Windows.
- Expertise in container-based solutions, and its orchestration with OpenShift, Kubernetes or Docker SWARM and Docker datacenter components.
- Experience in configuring AWS S3 and their lifecycle policies and to backup files and archive files in Amazon Glacier.
- Excellent knowledge of installing of AWS CLI to control various AWS services through SHELL/BASH scripting.
- Proficiency in Configuring and Networking of Virtual Private Cloud (VPC).
- Well-Versed in IAM for creating roles, users, and groups to provide additional security to AWS account and its resources.
- Well-Versed in Microservices, including provision AWS environments using Ansible Playbooks.
- Understanding of LAMP installing and configuring on Ubuntu, Red hat and Amazon Linux Instances.

EXPERIENCE

M&T Bank, MD | Jun 2019 – Current

AWS Solution Architect

- Creating all the infrastructure in the cloud using Terraform to support infrastructure as a code.
- Implementing a Continuous delivery (CD) pipeline with Docker, Jenkins and GitHub and AWS AMI's.
- Configuring alarms in CloudWatch for monitoring the server's performance, CPU utilization, Memory and disk usage of AWS resources using AWS CloudWatch.
- Creating SNS notifications using S3 events for object loss notifications.
- Verify and troubleshoot failed builds on Jenkins with the help of SonarQube, verifying artifact id, and date stamps on Nexus, troubleshoot, document, and communicate failed builds to the Developers.
- Configuring Security group for EC2 Window and Linux instances and also for puppet master and puppet agents.
- Installing and configuring of SCM tool, Ansible on EC2 instance.
- Use Jira to plan, track, support and close requests, tickets and incidents.

Progressive Corporation, MD | Aug 2016 - May 2019

AWS Solution Architect

- Worked with ECR and EKS deployment to an application on a Tomcat server hosted in containers using Terraform to create Infrastructure as Code.
- Developed AWS CloudFormation templates to create custom sized VPC, subnets, EC2 instances, ELB and security groups.
- Created patch management using AWS Systems Manager automation for multi-region and multi region execution.
- Maintained the monitoring and alerting of production and corporate servers using Cloud Watch service.
- Implemented CI/CD allowed for deployed to multiple client Kubernetes and AWS environments.
- Trained staff on Git and GitHub API usage.
- Deployed application updates using Jenkins.