ABU THAHIR PK

AWS DevOps Engineer

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🎯 CAREER OBJECTIVE

Aspiring and self-motivated individual with three-years professional experience and a strong understanding of Amazon Web Services. My ability to combine dedication and efficiency is demonstrated by my ability to communicate effectively, learn quickly and use my knowledge for the benefit of the organization with sincerity.

📚 SUMMARY

- Over 3 years of experience as AWS Cloud Engineer and DevOps Engineer in various project.
- Strong understanding of the cloud application's architectural and infrastructure practices.
- Understanding of containerization tools such as Docker and as well as basic knowledge of Ansible.
- The ability to use CI/CD tools such as Jenkins to perform basic tasks.
- Basic knowledge of Kubernetes and OpenShift orchestration tools.
- The ability to use Terraform in a basic manner.
- I have a good understanding and some hands-on experience as far as Linux and scripting are concerned.
- Proficient in Malayalam, and English. I can handle Tamil and Kannada
- I am a quick learner who is always looking to expand my knowledge and skills in the cloud and devOps while showcasing my best efforts.

📊 TECHNICAL SKILLS

- Cloud Technologies: Amazon Web Services, Azure, GCP.
- AWS: EC2, RDS, VPC, IAM, Route53, EBS, EFS, S3, Lambda, CloudWatch, Guard Duty, ECS, EKS.
- Azure: Virtual Machine, Blob File.
- DevOps: Docker Kubernetes, OpenShift, Jenkins.
- Monitoring tool: Dynatrace
- Scripting Language: Bash Scripting.
- Database: MySQL
- Version control system: Git, Bitbucket.
- Infrastructure as Code: Terraform.
- Operating Systems: Linux, Windows, Mac.
- Ticketing Tools: ServiceNow.
- Microsoft Programs: MS Word, MS PowerPoint, MS Excel, Outlook, MS Teams.

💼 PROFESSIONAL EXPERIENCE

Associate DevOps Engineer

- ➢ Used Terraform script to automate the deployment of various infrastructure in AWS.
- ➢ Monitoring cluster health by using various tool such as Prometheus, Grafana and ELK.
- ➢ Configuring and maintaining the source code management repository, GitHub using Git.
- ➢ Good experience in writing Kubernetes YAML files such as deployment and services.
- ➢ Configured Docker containers and created Docker files for different environment.
- ➢ Worked with Ansible playbooks for virtual and physical instance provisioning, configuration management, patching and software deployment and Deploy application on Tomcat server.
- ➢ Deployed application using Jenkins server and to troubleshoot build and release job failures, resolve, work with engineers on resolution.
- ➢ Good experience in writing Kubernetes YAML files such as deployment and services.
- ➢ Specialist in managing and debugging different environments on Kubernetes cluster.
- ➢ Using Jenkins, implemented an end-to-end CI/CD pipeline for deploying an application in Kubernetes cluster.
- ➢ Well experienced in Jenkins integration such as Git, Maven, SonarQube, JCOCO.

AWS Cloud Engineer

- ➢ Managed IAAS and PAAS models on cloud environments using AWS services like EC2 Instance configurations, RDS database VPCs, Elastic Load Balancers (ELBs), CloudFront distribution, Route53 hosted zones & health check configurations in high availability and highly scalable architecture.
- ➢ Used various services like Security groups, Internet gateways and Route tables to ensure a secure zone for organization in AWS.
- ➢ Good understanding of AWS Elastic Block Storage (EBS), various volume types and utilization of different types of EBS volumes based on requirements.
- ➢ Implemented maintained, monitored alarms and notifications for AWS services using Cloud Watch and SNS.
- ➢ Built S3 buckets and managed policies for s3 buckets and used S3 bucket for storage and backup on AWS.
- ➢ Created IAM users and Policies to the application for the access of these storage.
- ➢ Having hands on experience AWS and Azure cloud services for create resilient architecture.
- ➢ Set up the production-ready server images (AMI) with essential utilities for the multi-tier web application.

⚙ EDUCATIONAL QUALIFICATIONS

From 2018 **To 2020**	Master of Computer Application [MCA] Marian College Kuttikkanam (Autonomous), Idukki, Kerala MG University
From 2013 **To 2016**	Bachelor of Computer Application [BCA] MES College Vadakara, Kozhikode, Kerala Calicut University

🎖 CERTIFICATION

- ➢ Red Hat Certified System Administrator
  - o Certification No: - 190-022-368
- ➢ AWS Certified Solutions Architect Associate
  - o [Preparations are going on]
- ➢ D0180 Red Hat OpenShift Containers and Kubernetes
  - o [Course Attending]