

Mohammad Makbul Shaik

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DevOps Engineer

Profile Summary

DevOps professional offering a distinguished and insightful exposure of around 2 years of experience across high-growth environments in cloud & production support, implementation, configuring, monitoring, and troubleshooting in Aws cloud. Enthusiastic while working as part of a team or alone and believes in hard-work discipline and perseverance.

Skills Summary

- Professional experience with around 2+ years of experience in implementation Aws Cloud and DevOps.
- Working on best industry concepts Aws, DevOps, CI/CD, GIT, Jenkins, YAML, Docker, and Terraform.
- Development, administration, and maintenance of the Continuous Integration (CI) and Continuous Delivery (CD) pipelines to build, package, test, validate, verify infrastructure, and deploy into all necessary environments.
- Experience in automation and provisioning approaches using tools such as Terraform, GIT and GIT HUB.
- Experience in Agile Project Management/Scrum Methodologies approaches
- Experience/Good Understanding in Aws Networking services like VPC, Routing, security groups, Peering, NAC, Transit Gateway etc. ...
- Good understanding in Aws VPC, EBS, EFS, S3, RDS, CloudWatch, Code Pipeline, Code Build, Code Deploy, ECS, EKS, Lambda and many more.
- Responsible for Incident Management i.e., troubleshooting, and leading critical or urgent issues on email and mobility infrastructure and driving them to resolution as per the agreed SLAs with customer
- Good working experience on YAML to write scripts in Docker-Compose and pipeline.

Employment History

Employer	Designation	Duration
Achala IT Solutions Pvt Ltd	Software Engineer	2.2 Years

Technical Skills

- AWS: -
 - Storage Services : EBS, EFS and S3
 - Network Services : VPC, Route 53, Cloud front, API-GW, Transit Gateway
 - Developer Service : Code Commit, Code Build, Code Pipeline, Lambda
 - Monitoring Services : Cloud Watch, CloudTrail, AWS X-Ray.
- DevOps : Docker, Jenkins, GitHub, Kubernetes,
- Microsoft Operating System : Windows, Red-hat Linux

Professional Experience

Company : Achala IT Solutions Pvt Ltd **Apr 2021 – June 2023**
Role : DevOps Engineer
Major Technologies : AWS-DevOps, Python, Docker, Kubernetes and Terraform

Responsibilities

- Design, implement and maintain all AWS infrastructure and services within a managed service environment.
- Provide daily monitoring, management, troubleshooting and issue resolution to systems and services hosted on cloud resources.
- Implement process and quality improvements through task automation. Institute infrastructure as code, security automation and automation of routine maintenance tasks.
- Created snapshots to take backups of the volumes and images to store launch configurations of the EC2 instances.
- Installed/Configured and Managed Nexus Repository Manager.
- Created various branches for each requirement and merged from development to release branch, created tags for releases using GIT.
- Deployed web applications into different application servers using Jenkins.
- Generated reports on different bugs & tickets using JIRA/ Bug tracking; created & solved blocked/unassigned tickets
- Deploy and monitor scalable infrastructure on Amazon web services (AWS) configuration management
- Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
- Making the applications containerized using Docker files.
- Implemented Docker, Jenkins master and Jenkins slave module.
- Experience on configuring VPC, EC2, RDS, ELB, Route53, IAM Services
- Responsible for systems and applications performance monitoring.
- Monitoring critical production systems; performing health check from time to time and checking the disk space usage.

Professional Education

Graduation	:	Bachelor of Technology in Electronics and Communications
University/Institute	:	University College of Engineering Narasaraopet-JNTUK,
Year of Pass	:	2020