

Profile Summary

DevOps Engineer with 2.6 years of experience in AWS cloud infrastructure management and automation. Proficient in deploying and maintaining cloud services including EC2, VPC, IAM, and S3, with a strong focus on implementing security best practices and automating deployments through scripting and infrastructure as code

Work Experience

DevOps Engineer | 2 Cloud FZE - 2 Sahaba Solutions LLP

April 2023 - Present

- Managed EC2 instance provisioning, security group configurations, and VPC setups to support scalable cloud solutions
- Configured Application Load Balancer (ALB) for distributing traffic across EC2 instances, optimizing load handling and ensuring high availability.
- Implemented Infrastructure as Code (IaC) with Terraform for declarative and version-controlled infrastructure provisioning.
- Proficient in AWS Compute and Serverless services, including EC2, Lambda, and EKS, to deploy and manage scalable, high-availability applications
- Deployed Karpenter for autoscaling nodes in Kubernetes.
- Managed Jenkins kubeagent pods for CI/CD in Kubernetes, creating multistage pipelines and monitoring build parameters.
- Set up continuous deployment pipelines with ArgoCD .
- Creating alarms in Cloud watch service for monitoring the server performance, CPU Utilization, disk usage .

Junior DevOps Engineer | 2 Cloud FZE - 2 Sahaba Solutions LLP

May 2022 - April 2023

- Expertise in Docker for consistent application packaging and execution across different environments.
- Proficiency in Git for version control and collaborative software development on GitHub, and Bitbucket.
- Configured Nginx for Magento with PHP-FPM socket connections, custom logging for access tracking, and SEO headers to improve performance and manage traffic effectively.
- Configured Jenkins and Github action for automated CI/CD, enhancing software development lifecycle efficiency.
- Managed server tools like Nginx, MySQL, Redis, and Varnish for high-performance, secure and reliable web applications.

Professional Skills

- AWS
- Caching Technologies: Redis, Varnish, Cloudfront
- Linux administration
- Docker
- ArgoCD
- Kubernetes
- Monitoring and logging (CloudWatch, CloudTrail)
- Continuous integration and delivery (Jenkins, AWS CodePipeline, GitHub Action)
- Git (GitHub, Bitbucket, GitLab, Codecommit)
- Infrastructure as code (Terraform, AWS SAM, CloudFormation)
- Scripting (Bash)
- Web Server (Nginx, Apache)

Achievements

- Conducted an AWS cloud security audit and implemented security alerts to enhance the AWS account following AWS Well-Architected security best practices.
- Upgraded the client's production and dev environments with minimal downtime
- Deployed multiple production and development clusters for microservices on Amazon EKS, utilizing Terraform and manual configurations. This included setting up VPCs, AWS services, and integrating Kubernetes tools like Karpenter, ALB, Jenkins, and ArgoCD.
- Developed and maintained multiple CI/CD pipelines across production and development environments, ensuring streamlined and automated workflows.
- Developed and deployed a SAM application for event alerts via Slack and email, and published it to the AWS Serverless Application Repository.

Education

Bachelor of Computer Application - University of Calicut	2018 - 2021
PLUS TWO from Kerala HSE Board	2017 - 2018
SSLC from Kerala HSE Board	2015 - 2016

Course Completed

AWS-Solution-Architect-Associate & Linux Administration	2021 - 2022 (6 months)
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Languages

- English
- Malayalam
- Hindi
- Arabic (Read & Write)