

Akash Gowda P

An aspiring Cloud/DevOps Engineer who is looking for opportunities in DevOps and Cloud.

JP Nagar 6th phase,
Bengaluru -560078
8105672451
akashgowda.p16@gmail.com
www.linkedin.com/in/akash-gowda-p

PROJECTS

Cloud Cost Optimization using Lambda — AWS

Used the combination of Amazon EventBridge and Lambda functions to delete the unused snapshots and EBS volumes.

Implementation: Created lambda function in python, used the boto3 module to interact with AWS service APIs and this lambda function is triggered by Amazon EventBridge scheduler.

This lambda function would watch for any unused EBS snapshots and volumes for 30 days from the date of creation and delete them.

End to end CICD implementation — Jenkins

Implemented an end-to-end CI/CD pipeline for a Java-based application using Jenkins Declarative Pipeline, incorporating stages such as build automation, static code analysis with SonarQube, Docker image creation, and deployment to a Kubernetes platform through Argo CD.

Implemented Three Tier Architecture — AWS

Implemented a three tier Architecture that is highly available, scalable and fault tolerant.

Services used: VPC, EC2, RDS, S3, ELB, ASG, for security:SGs,NACL, NAT Gateway, IAM Role

Configuration Management — Ansible

Established connection between the control node with managed nodes using ssh.

Created an inventory file with different managed nodes.

Wrote a playbook to deploy a web application using Nginx.

SKILLS

Cloud Platforms: AWS

Linux

Scripting: Bash, Python

AWS Lambda

Security: Identity and access management(IAM), Security groups, Network ACLs

Networking: VPC

Monitoring and Logging:
Cloud Watch

AWS CloudFormation

Ansible

Terraform

Git, Github

Docker

Kubernetes

Jenkins

Argo CD

Maven

Designed and implemented Static Web-Application using S3 — Terraform

Designed and implemented Terraform configuration to deploy a static web application on AWS S3, ensuring efficient hosting and accessibility.

Utilized infrastructure-as-code principles to automate deployment processes, enhancing scalability and reliability of the web application.

Enabled public access to static website content while maintaining security standards through bucket policies.

EDUCATION

Bachelors in Electronics and Communication Engineering, Dayananda Sagar Academy of Tech. and Management , Bangalore.

2015 - 2020

Master in AWS Cloud Technology, I.T Vedant, Bangalore.

2023

Internship

Internet of things, Dayananda Sagar University , Bangalore.

July-August, 2018

Worked on: Gas leakage detection using arduino with SMS alert.

LANGUAGES

English, Kannada and Hindi

Hobbies

Gaining knowledge on various fields of studies such as Polity, Economy etc, Playing Chess, Watching web series, Fitness.

Achievements



AWS Certified Solutions Architect Associate



AWS Certified Cloud Practitioner



DevOps workshop completion certificate



DevOps Course completion certificate

Completed Dynamic Skill Integration Program , Center for innovation and leadership – includes Attitude and time management, Working in teams and Interpersonal Skills, Corporate culture and career Guidance, Effective Communication Skills