

Ayush Morya

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EDUCATION

Dehradun Institute of Technology

Masters in Computer Application

Major in Computer Science, Software Development

Relevant Coursework: DevOps, Cloud Engineering, Operating Systems; Computer Networks

Dehradun, Uttarakhand

Expected May 2025

Quantum University

Bachelors in Computer Application

Relevant Coursework: Intro to CS (Java), Computational Application (Python)

Roorkee, Uttarakhand

June 2020 – Nov 2023

EXPERIENCE

Google Cloud Facilitator Program 2023

Facilitator

April 2023 – Sep 2024

- Developed expertise in deploying and managing cloud-based solutions, recognized with Google Cloud Badges.

PROJECTS

The Smart Vault (Cloud Cost Optimization) - AWS

- Automated, cost - effective EC2 backup management using AWS services.
- Used the combination of **AWS cloud watch and Lambda functions** to decrease the cloud costing.

[Video Presentation](#)

End to End CICD Pipeline - Jenkins

- Implemented an end-to-end CI/CD Pipeline for Java based application using Jenkins declarative pipeline.
- As part of the pipeline, I have implemented various stages such as build, unit testing, static code analysis, SAST, DAST, Creation of Docker Images, Deployment on Kubernetes platform using Argo CD.

End to End CICD Pipeline – Jenkins

- Implemented a Three Tier Architecture that is highly available and scalable using Terraform and deployed the application on EC2 instances using the User Data Script.
- AWS Components Involved: VPC, ASG, Route53, CDN, ELB, EC2, S3, NAT, API Gateway

SKILLS

CI/CD & Release Management:

Cloud Platforms and Operating Systems:

Infrastructure as Code:

Containerization & Orchestration:

Programming & Scripting:

Monitoring & Automation:

Version Control & Source Management:

Database:

Jenkins, GitHub Actions, Argo CD

AWS, Azure, Google Cloud, Linux

Terraform, Cloud Formation

Docker, Kubernetes

Python, Bash, GitBash, PowerShell

CloudWatch, Prometheus, Grafana

Git, GitHub

MySQL, NoSQL

CERTIFICATIONS

Solution Architect Job Simulation on Forage

Designed and simple and scalable hosting architecture based on EC2

Google Developer Student Clubs

Participated in Google Cloud Study Jam Facilitator Program 2023

Badges: Qwiklabs Trivia August 2023