

Vishav Deshwal

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Profile Summary

- **AWS Cloud Expertise:** Designing scalable, cost-efficient architectures with a focus on performance optimization.
- **CI/CD & Automation:** Streamlining deployments using Jenkins, GitHub Actions, and Terraform to reduce manual intervention.
- **Infrastructure as Code:** Automating provisioning and management with Terraform and CloudFormation.
- **Optimization & Efficiency:** Passionate about enhancing workflows, problem-solving, and automation in fast-paced environments.
- **Professional Strengths:** Committed, focused, and detail-oriented with a sharp memory for troubleshooting and process improvements.

Relevant Skills

AWS Cloud - (AWS-CAA) || **CI/CD** (Jenkins, ArgoCD) || **IaC** (Terraform Associate) || **Containerization** (Docker)|| **Kubernetes** ||| **Python Scripting** (Bash, Python) || **Language** (Java, Python) || **Linux** | **Monitoring**

Relevant Certifications:-

1. **AWS Solutions Architect Associate SAA-03** (March 2023)
2. **Terraform Associate 003** (Oct 2024)

Projects

AWS Projects | EC2, VPC, S3, EFS, RDS, ASG, ALB, CloudWatch, etc

- Launched a 3-tier Architecture with high availability, resilience, and scaling utilizing different services (EFS, RDS, ALB, ASG, Private Subnet, Routing Table, Public Subnet, IGW, etc)
- Launched a Server-less application that sends an email with a custom message after an interval.
- Hosted an S3 static website and configured it with the Cloud-Front Distribution Network.
- Setting up EKS Cluster configuring CSI driver for provisioning PV and PVCs.

CI/CD Pipeline for Java Application and K8s Deployment

- Build CI/CD pipelines in Groovy script with all stages of build, test, and deployment in Jenkins Server.
- Dockerization of the executables into Docker images from the pipeline itself under CI.
- Implemented a GitOps strategy using ArgoCD and minikube, achieving reduction in deployment time

Kubernetes

- Troubleshooting of Kubernetes cluster (Pods, Deployments, Services, Ingress, etc).

Terraform

- Writing Modules for 3 Tier Architecture in AWS.

Observability

- Configured Prometheus and Grafana on EKS cluster to monitor Cluster state, Node health, CPU load and Memory management.
- Configured CloudWatch (Logs, Metrics, Alarms) using cloudwatch agent on EKS cluster and On-Prem servers.

Experience

Centilytics | *Sr Associate Project Management*

Noida, UP | Apr, 25 - Current

- Ticket Management of engineering issues.
- Issues of Cloud and related issues.

British Airways | *Service Advisor*

Noida, UP | Apr, 24 - Mar, 25

- Handle the Customer Services around the Ticketing of British Airways Passenger.

IGT | *Process Associate*

Gurugram, HR | Apr, 23 - Mar,24

- Handle the Customer Services around the Baggage of United Airlines.

CP Plus | *Junior Engineer*

Noida, UP | Sept, 22 - March, 23

- Network troubleshooting of IP cameras by taking remote access.

Education

Amity University | *MCA*

- Computer Science.

Noida | Jul, 2024 - Expected completion (2026)

University of Delhi | *B.Sc. (Zoology Hnrs)*

- Physiological study of Animal Kingdom and Cell Biology

New-Delhi, | Apr, 2013 - Jul, 2016