

# ANSHUMAN SINGH SISODIYA

DevOps Engineer | Cloud Engineer

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AWS Certified Solutions Architect – Associate and DevOps Engineer with hands-on experience deploying and automating scalable cloud-native systems using AWS, Docker, Kubernetes, Terraform, and CI/CD pipelines. Strong in infrastructure as code, Linux systems, monitoring with Prometheus and Grafana, and designing secure, high-availability architectures. Currently pursuing a Master's in Computer Applications.

## Experience

**DevOps Trainee | Grras Solution Pvt. Ltd. - Jaipur, India**

April 2023 - October 2023

- Built CI/CD pipelines with GitHub Actions and Jenkins for containerized deployments.
- Created Docker images and deployed services on Kubernetes.
- Provisioned AWS infrastructure (EC2, VPC, IAM) using Terraform and Ansible.

**AI Cloud Engineer Trainee | Arcap REIT AI Solutions - Jaipur, India**

August 2025 - December 2025

- Automated infrastructure provisioning and deployments with Terraform and CI/CD.
- Monitored cloud resources for availability and performance.

## Education

**Master's Degree in Computer Applications | Indira Gandhi National Open University**

**Bachelor's Degree in Computer Applications | Maharishi Arvind Institute of Science and Management**

**Senior Secondary (Class 12) | CBSE Tagore Public School**

## Projects

**Full-Stack Cloud Deployment | AWS, Docker, Kubernetes, GitHub Actions**

- Designed and deployed a production-ready full-stack web application using Docker containers orchestrated with Kubernetes for scalability and fault tolerance.
- Implemented an end-to-end CI/CD pipeline with GitHub Actions to automate code build, testing, container image creation, and deployment to AWS infrastructure.
- Architected secure networking using VPC, subnets, security groups, and an Application Load Balancer to ensure high availability and controlled access.

**Kubernetes Monitoring & Observability | Prometheus, Grafana**

- Deployed Prometheus for real-time metrics collection across Kubernetes clusters, monitoring node, pod, and application-level performance.
- Built Grafana dashboards to visualize system health, resource utilization, and alerting thresholds to proactively detect and resolve performance issues.

**High Availability Architecture on AWS | VPC, Auto Scaling, Load Balancer**

- Designed a highly available and fault-tolerant cloud architecture leveraging Auto Scaling Groups and Application Load Balancer to maintain consistent application uptime.
- Implemented private and public subnets with routing policies to isolate backend services and improve overall system security and resilience.

## Certifications

**AWS Certified Solutions Architect Associate (SAA-C03)**

June 2025

**Red Hat Certified System Administrator (RHCSA)**

April 2024

## Skills

- Cloud Platforms: AWS (EC2, VPC, IAM, Load Balancer, Auto Scaling, S3)
- DevOps & CI/CD Tools: Docker, Kubernetes, GitHub Actions, Jenkins, Terraform, Ansible
- Monitoring & Observability: Prometheus, Grafana
- Version Control & Scripting: Git, Bash, YAML
- Soft Skills: Problem Solving, Team Collaboration, Communication, Adaptability

## Languages

Hindi (Native) | English (Professional Proficiency)