AAYUSH OJHA

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SKILLS

Technical Skills	AWS Cloud, Terraform, Ansible, Git, Docker, Kubernetes, Linux, MySQL
Soft Skills	Time management, analytical thinking, leadership, decision-making, problem-solving

EDUCATION

Acropolis Institute of Technology and Research, Indore (M.P)   2020 – 2024
B.Tech in Computer Science and Information Technology (CGPA: 8.32)

Kendriya Vidyalaya, Mandsaur   2017 – 2020

INTERNSHIP / TRAINING

AWS Cloud & DevOps Trainee, Ethan's Tech

- Completed hands-on training focused on AWS Cloud and DevOps tools and practices.
- Gained experience in infrastructure automation, cloud deployment, and system administration.
- Worked with Terraform, Ansible, Git, Docker, Kubernetes, and Jenkins to build CI/CD pipelines.
- Designed scalable, secure, and highly available cloud-based solutions.

TCS – Agile Credit Based Course

- Learned Agile Software Development fundamentals and Scrum methodology.
- Understood iterative development, sprint planning, and continuous improvement practices.

Web Development Intern, Intern Crowd & Oasis Infobyte

- Developed responsive websites and web applications with focus on UI/UX and performance.
- Built projects including quiz website, sports landing page, portfolio website, and temperature converter.

LICENSES & CERTIFICATIONS

AWS Certified Solutions Architect – Associate	AWS Certified Cloud Practitioner
Cisco Certified Networking Essentials	TCS Agile Credit-Based Course

PROJECTS

Cloud-Native High Availability Portfolio Web Platform (AWS)

- Designed a secure and scalable AWS architecture using VPC with public and private subnets and IAM-based access via AWS Systems Manager (SSM).
- Built a highly available application platform using EC2 (custom AMIs, Launch Templates), Auto Scaling Groups, and Application Load Balancer across multiple Availability Zones.
- Implemented multi-region high availability and disaster recovery using Amazon Route 53 failover routing between ap-south-1 (Mumbai – Primary) and us-east-1 (N. Virginia – DR).
- Integrated Amazon RDS (MySQL), Amazon ElastiCache (Redis), and Amazon CloudFront for performance optimization and global content delivery.

Tech Stack: AWS VPC, IAM, EC2, AMI, Launch Templates, Auto Scaling, ALB, Amazon RDS (MySQL), Amazon ElastiCache (Redis), Amazon CloudFront, Amazon Route 53, AWS Systems Manager (SSM), Linux, PHP

Serverless Event-Driven Application Platform (AWS)

- Designed a serverless, event-driven AWS architecture using AWS Lambda and Amazon API Gateway for secure, scalable REST APIs.
- Implemented IAM least-privilege access and Amazon Cognito for authentication and authorization, with Amazon DynamoDB for low-latency data storage.
- Improved global performance and security using Amazon CloudFront and managed application source code using GitHub.

Tech Stack: AWS Lambda, Amazon API Gateway, Amazon DynamoDB, IAM, Amazon Cognito, Amazon CloudFront, GitHub, Linux