

SNEH SINGH

Cloud / DevOps Engineer

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PROFESSIONAL SUMMARY

Cloud & DevOps Engineer with 3+ years of firsthand experience across AWS, GCP, and Azure, specializing in large-scale cloud migrations, containerized platforms, and Infrastructure as Code. Proven ability to design scalable cloud architectures, implement CI/CD pipelines, and lead end-to-end migration strategies including rehost, replatform, and refactor. Google Professional Cloud Architect certified, with effective communication and critical thinking skills.

CORE SKILLS

- Cloud Platforms: AWS, Google Cloud Platform (GCP), Microsoft Azure
- Cloud Architecture: Microservices, Serverless, Containerization
- Containers & Orchestration: Docker, Kubernetes, Istio
- Infrastructure as Code: Terraform, AWS CloudFormation
- DevOps & CI/CD: Jenkins, Git, GitHub Actions, Ansible
- Monitoring & Observability: Dynatrace with AiOps
- Programming: Python, Go, Shell
- Web & App Stack: Nginx, Flask, PHP
- Database: MySQL, Postgres and mongo DB
- Migration Strategies: Rehost, Replatform, Refactor

PROFESSIONAL EXPERIENCE

Mahindra & Mahindra Ltd | Aug 2024 – Present: Cloud Engineer

- Led cloud migration initiatives for enterprise workloads across AWS, GCP, and Azure, selecting appropriate migration strategies based on business needs.
- Designed and implemented secure cloud architectures using microservices and container orchestration (Docker, Kubernetes).
- Developed and maintained Infrastructure as Code (Terraform) to ensure consistent and repeatable cloud deployments.
- Built and optimized CI/CD pipelines using Jenkins and Git, enabling faster and reliable application releases.
- Implemented Dynatrace for centralized logging and real-time observability across environments.
- Collaborated with cross-functional teams, demonstrating effective communication and leadership during project execution.

Mahindra & Mahindra Ltd | Aug 2023 – Jul 2024: Graduate Engineer Trainee

- Designed cloud networking (VPC) and security guardrails aligned with organizational policies.
- Supported large-scale cloud platform onboarding using AWS and GCP.
- Automated infrastructure provisioning using Terraform, reducing manual effort and deployment errors.
- Assisted teams in deploying applications across IaaS, PaaS, and SaaS models.

Mahindra & Mahindra Ltd | Feb 2023 – Aug 2023: Cloud Intern

- Built GCP infrastructure components using Terraform following best practices.
- Developed Terraform UI templates in Go, improving usability for internal teams.

- Designed cloud solutions across IaaS, PaaS, and SaaS models.
- Built a Generative AI platform using Azure OpenAI and Python.

EDUCATION

- B. Tech (CSE) | Jaypee University of Engineering & Technology CGPA 8.3 | (2019-2023)
- XII (MP Board) | Sardar Patel Higher secondary School Rewa (MP) | 90.6% | 2019
- X (MP Board) | Sardar Patel Higher Secondary School Rewa (MP) | 90% | 2017

PROJECTS

[Twitter Sentiment Analysis \(Python, NLP, ML\)](#)

- Designed a backend pipeline to analyze COVID-19 sentiment using Twitter data and machine learning models.

[Bus Booking System \(Python, Tkinter, DBMS\)](#)

- Developed a full-stack desktop application with backend logic and database integration.

[Zomato Restaurant Recommendation System \(09/21-12/21\)](#)

- This project is a recommendation system. this is a front and backend project, but I work on the back end. Technology used: Python and for front end streamlet.

CERTIFICATIONS

- [Google Professional Cloud Architect](#)

ACHIEVEMENTS

- Solved 600+ problems on [LeetCode](#), strengthening problem-solving and algorithmic thinking.

SOFT SKILLS

- Strong problem-solving and analytical skills
 - Excellent communication and stakeholder collaboration
 - Ownership mindset and leadership in project delivery
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