

Pulkit Heda

DevOps & Cloud Enthusiast

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EDUCATION

B. Tech Computer Science	2021 - 2025
UPES, Dehradun	
Senior Secondary School	2020 - 2021
Delhi Public School, Hyderabad	
Secondary School	2018 - 2019
Delhi Public School, Hyderabad	

WORK EXPERIENCE

Xebia IT Architects	JUN 2024 – JUL 2024
Project Intern (DevOps Intern)	
<ul style="list-style-type: none">Collaborated with the team for development of a comprehensive Gym Management System utilizing Node.js and the Express Framework, enhancing efficiency by streamlining operations.Orchestrated seamless deployments via an automated CI/CD pipeline integrated with GitHub Actions, ensuring reduction in deployment time and increase in deployment reliability.	

TECHNICAL SKILLS

Language: Java | Core: Computer Networks, Cloud Security, Linux CLI | DevOps: Terraform, Vault, Jenkins, Docker, GitHub Actions, GitHub, GIT | AWS: IAM, EC2, S3, VPC | Design: Figma

PROJECTS

Secure CI/CD with Vault (Link)	JUN 2025 - Present
Tech Stack: Terraform, Vault, GitHub Actions, Jenkins, GIT, AWS	
<ul style="list-style-type: none">Objective is to replace hardcoded AWS credentials in Jenkins pipelines by securely fetching secrets from Vault, improving security and automation.This project is designed to understand the purpose and internal workings of Vault in real-world CI/CD use cases. Vault setup on EC2 is underway, with UI enabled.	
Portfolio Deployment: Automating AWS S3 with GitHub Actions (Link)	JAN 2025 - APR 2025
Tech Stack: Terraform, GIT, GitHub, GitHub Actions, AWS S3, AWS IAM	
<ul style="list-style-type: none">Designed and deployed cloud infrastructure using Terraform modules for reusable and scalable code management.Implemented AWS IAM policies and roles to ensure secure access and resource control.Hosted a static website on AWS S3, optimizing for performance and low cost. Automated deployments via GitHub Actions, enabling a robust CI/CD pipeline.	
IaC Script for AWS Resources (Link)	SEPT 2024 - OCT 2024
Tech Stack: Terraform, HCL, GIT & GitHub, AWS	
<ul style="list-style-type: none">Designed and deployed a scalable infrastructure using Terraform, incorporating key AWS services such as VPC, EC2 Instances, S3 Bucket, and DynamoDB.Developed and implemented reusable Terraform modules to enhance modularity, scalability, and ease of management.Automated infrastructure provisioning to ensure consistent and efficient deployment of resources, improving maintainability and flexibility of cloud resources.	
DevOps-Driven Cloud Deployment & Monitoring (Link)	MAR 2024 - MAY 2024
Tech Stack: AWS EC2, AWS Elastic IP, GIT & GitHub, Jenkins, Docker, Docker Compose, Prometheus, Grafana	
<ul style="list-style-type: none">Provisioned the migration of a static website to a Docker container (NGINX), achieving a reduction in deployment unit size, enhancing portability and efficiency.Automated the build, test, and deployment processes using Jenkins and Git, resulting in a decrease in deployment time.Implemented Prometheus and Grafana for real-time monitoring, improving application performance visibility and reducing downtime.	

CERTIFICATIONS

HackerRank SQL(Basics)	OCT 2024
AWS Academy Lab Project - Microservices and CI/CD Pipeline Builder	SEPT 2024