Mihir Bhavsar

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Profile Summary

Cloud & DevOps Engineer with 1 year 11 months of experience automating multi-client Azure and AWS infrastructure with Terraform, Azure DevOps, and GitHub Actions. Manage 450+ VMs and servers across client environments. Achieved 40% faster AVD deployments, 70%+ reduction in manual effort, and 25% lower monthly AWS spend.

Skills

Cloud: AWS (EC2, VPC, IAM, ALB, Auto Scaling, RDS, S3, Lambda (serverless), CloudFront, Route 53, CloudFormation, EKS); Azure (AVD, Entra ID, Key Vault, VM Image Builder, AKS); GCP (Compute Engine, Load Balancing, Vertex AI, GKE)
Infrastructure as Code & CI/CD: Terraform, Ansible, Azure DevOps, AWS CodePipeline, GitHub Actions, GitLab CI/CD, Jenkins, Git
Containerization: Docker, Kubernetes, Helm, Argo CD (GitOps)
Observability & Monitoring: Azure Monitor, Log Analytics (KQL), Prometheus, Grafana, CloudWatch, SLIs/SLOs
Systems & Scripting: Linux Administration, PowerShell, Bash, Python, Nginx, Apache, Networking, DNS, SSL/TLS, NSG Firewall Rules
Practices & Tools: Site Reliability Engineering (SRE), Jira, FinOps, Cost Optimization, Backup & Restore, High Availability, Disaster Recovery, GitHub Copilot, Claude Code, MCP Servers

Experience

Cloud Operations Engineer | Parkar Global Technologies Pvt Ltd ***Dec 2024 - Present***
Intern (Dec 2024 - Apr 2025); full-time since Apr 2025

- Engineered Azure DevOps pipelines running Terraform and PowerShell (AD domain join, Key Vault secrets), eliminating 70%+ of manual effort across 5 clients with near-zero configuration errors.
- Accelerated feature delivery by over 50% through an end-to-end CI/CD pipeline using GitHub Actions, Terraform, and Ansible.
- Automated new-client AVD onboarding using Terraform, Azure VM Image Builder golden images, FSLogix, and autoscaling, reducing deployment time by 40%.
- Reduced monthly AWS spend by 25% by right-sizing and auto-scaling 150+ EC2 instances and related resources.
- Designed and deployed a highly available, multi-AZ WordPress platform on AWS (EC2 Auto Scaling, ALB, RDS, S3, CloudFront) maintaining 99.9% uptime with disaster recovery, rebuildable via Terraform in under 30 minutes.
- Implemented alerting across 3 monitoring stacks (Azure Monitor KQL, Grafana/Prometheus, CloudWatch) and tracked SLIs/SLOs to lower client incident MTTR.
- Administered AVD session hosts and Linux/Windows servers (SSH, patching, web/app server setup), resolving L2 escalations within SLA and authoring SOPs, RCAs, runbooks, and knowledge base articles.
- Diagnosed client-reported website issues via DevTools API tracing and MongoDB queries, fixing data issues directly and escalating code defects to developers.

Projects

DevSecOps CI/CD Pipeline - Jenkins, Maven, SonarQube, OWASP Dependency-Check, Trivy, Docker containerization, Kubernetes

- Orchestrated a Jenkins pipeline with 3 security gates (SonarQube SAST, OWASP Dependency-Check SCA, Trivy image scanning) triggered by GitHub webhooks, deploying a 3-tier Java app to self-managed Kubernetes.

AI-Powered HR Policy Chatbot (RAG) - Python, FastAPI, LangChain, FAISS, Llama

- Launched an internal RAG tool for HR policy questions, cutting query resolution time by ***~60%.***

Education

Bachelor of Engineering, Computer Science & Engineering | The Maharaja Sayajirao University of Baroda | 73.31% 2022 - 2025
Diploma Engineering, Computer Engineering | Gujarat Technological University | CGPA 8.89 2019 - 2022

Certifications & Achievements

- AWS Solutions Architect – Associate (SAA-C03), AWS Cloud Practitioner, Azure Fundamentals (AZ-900), Azure AI Fundamentals (AI-900), Google Cloud Digital Leader
- Core Founder, Code Vimarsh (MSU): cultivated a 300+ student coding community.
- National Cadet Corps (2019 - 2022), Received Letter of Appreciation from Admiral Karambir Singh, former Chief of Naval Staff.