

Maharshi Patel

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SUMMARY

Certified in AWS, and Azure Cloud with experience designing automated cloud infrastructure. I have spent the last three years helping teams build infrastructure that is both powerful and practical. Skilled in creating instances, monitoring system, Docker containerization, and Terraform-driven IaC. Passionate about secure, scalable solutions and bridging development with operations.

AREA OF EXPERTISE

Cloud Platforms: AWS, Azure

Container Orchestration: Kubernetes (EKS, AKS), Docker

CI/CD Tools: Jenkins, GitHub Actions

Infrastructure as Code: Terraform

Monitoring: Grafana, New Relic, CloudWatch, PRTG

Scripting: Bash/Shell, Python (Basic)

Tools: Ansible, TeamViewer, AnyDesk

Frontend Developing: HTML, CSS, JS

EXPERIENCE

GSFC University

DevOps Engineer

Vadodara, Gujarat

Nov 2024 – Present

- Oversaw GSFC University's AWS environment (EC2, S3, IAM), implementing granular access controls and monitoring systems that strengthened security for sensitive academic data.
- Enhanced university website performance through frontend optimizations (HTML/CSS/JavaScript)
- Managed Google Workspace for a user base exceeding 2,000, streamlining account provisioning and suspension workflows. Strengthened network security and reliability by architecting custom DNS solutions and AD group policies that reduced authentication errors and accelerated domain resolution for our employees.

Digital Sphere

DevOps Engineer

Vadodara, Gujarat

Mar 2024 – Aug 2024

- Optimized cloud infrastructure by leveraging Kubernetes orchestration and Terraform automation, enhancing efficiency through right-sizing and auto-scaling.
- Containerized legacy applications using Docker and deployed on Kubernetes clusters, improving scalability
- Managed multi-channel digital campaigns, including email automation, social media, and display ads, resulting in increased engagement.

Upwork (Freelance)

Cloud Engineer

Vadodara, Gujarat

Aug 2023 – Dec 2023

- Designed real time dashboards on grafana that provided engineering teams with actionable insights into CPU/memory trends, network latency, and container lifecycle events.
- Delivered desktop support for diverse software applications, troubleshooting and resolving issues across desktop systems and notebooks.

Paul Mason Consulting

Operations Support Analyst

Vadodara, Gujarat

Sep 2021 – Jul 2023

- Managed AWS/Azure Linux environments, resolving 100+ tickets/month via remote access tools and provide L2/L3 Support
- Followed ITIL best practices for incident and configuration management
- Tested internal software by executing scripts on retail selling platforms like Store Enabler and Treat Me. Provided operational maintenance and support for Retail-J clients, ensuring seamless IT functionality.
- Executed SQL queries and resolved issues in AWS and Azure Linux environments. Diagnosed and resolved store-related problems, including payment systems, product systems, CCTV cameras and network systems, by remotely accessing systems using VNC, RDP, TeamViewer, Dameware, AnyDesk, and Kaseya Raptor.

PROJECTS

Cloud Cost Optimization | *AWS, Lambda, Python*

- Designed and implemented an AWS Lambda function using Python and Boto3 to identify and delete unused EBS snapshots, optimizing storage utilization and reducing costs.
- Integrated automated scans to track active EC2 instances and remove stale backups, ensuring efficient resource management and minimizing unnecessary AWS storage expenses.

Automated Infrastructure Deployment | *Terraform, AWS*

- Automated provisioning of EC2 instances, VPCs, subnets, and security groups using Terraform
- Developed modular, reusable Terraform codebase following infrastructure-as-code best practices
- Eliminated configuration drift through version-controlled infrastructure management

EDUCATION

SVIT

Bachelor of Engineering in Electronics and Communication

Vasad, Gujarat

Jun 2016 – May 2021

CERTIFICATIONS

- AWS Certified Cloud Practitioner (CLF-C01)
- Microsoft Certified: Azure Security Associate (SC-200)
- Azure Security Fundamentals (SC-900)
- Azure Fundamentals (AZ-900)