

Vaibhav Soni

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I am a results-driven DevOps Engineer with a passion for automating infrastructure, scaling cloud-native applications, and optimizing CI/CD workflows. With hands-on experience across AWS, Azure, Kubernetes, Docker, and Terraform. Despite coming from a non-CS academic background, I have gained experience through real-world projects, certifications (Terraform, AWS Cloud Practitioner, RHCSA), and continuous learning. I am now focused on learning Kubernetes (CKA in progress), learning AWS CDK with TypeScript, and contributing to scalable, enterprise-grade deployments.

Relevant Work Experience

Inexture Solutions
DevOps Engineer

Ahmedabad, Gujarat
May 2025 – Present

- Currently contributing to cloud infrastructure automation and deployment optimization initiatives.
- Implement modern DevOps practices and cloud-native solutions for enterprise clients.
- Focusing on Kubernetes orchestration and scalable architecture design.

Highskyit Solutions
DevOps Engineer

Ahmedabad, Gujarat
Feb 2023 – Nov 2023

- **Azure Cloud Infrastructure Migration:**
 - Successfully migrated over 240+ Azure resources to Terraform-based Infrastructure as Code (IaC), enabling full automation and version control.
 - Designed and implemented reusable dynamic Terraform modules for App Services, API Management, Logic Apps, Service Bus, Storage Accounts, Key Vaults, and many more, reducing code duplication by 70%.
 - Developed standardized naming conventions and tag policies to ensure consistent, scalable, and compliant deployments across environments.
- **DigitalOcean Kubernetes Cluster:**
 - Designed and deployed a highly available, production-grade Kubernetes cluster on DigitalOcean with multi-node architecture, integrated networking, and persistent volume provisioning.
 - Deployed Apache Kafka and ZooKeeper using custom YAML manifests, configuring the cluster for efficient distributed workload management with built-in fault tolerance and high reliability.
- **Docker Container Customization:**
 - Designed and built a custom Docker image for FreePBX with an embedded Asterisk-9 server. Customized Asterisk configurations to support advanced client needs, including SIP trunking, call routing.
 - The customized Docker image was pushed to a private registry for reuse in Kubernetes deployments, enabling consistent rollouts across environments based on client-specific requirements.
- **AWS Infrastructure Automation with Terragrunt and CI/CD:**
 - Provisioned and managed scalable AWS infrastructure using Terragrunt, adhering to Infrastructure as Code (IaC) best practices for modularity, reusability, and maintainability.
 - Automated end-to-end infrastructure deployments using Bitbucket CI/CD pipelines, enabling consistent, version-controlled, and environment-specific delivery.
 - Followed a structured code review process with two peer reviewers to ensure compliance with coding standards, security best practices, and maintainability before pull request approvals.
 - Enhanced cloud environment resilience and agility by implementing a modular Terragrunt architecture integrated with seamless CI/CD workflows.
 - Managed 6 AWS accounts using AWS Organizations with centralized billing and service control policies (SCPs), streamlining governance, and security across environments.
 - Used AWS SSO to securely manage access across all accounts, enabling role-based access control (RBAC) and federated identity integration.
 - Activated in AWS CLI via SSO for secure and auditable access to cloud resources without static credentials.
 - EC2 instances are securely accessible using the AWS Systems Manager Session Manager, eliminating the need for SSH key pairs and improving operational security and traceability.

Technical Skills

- **Cloud Platforms:** AWS, Azure, DigitalOcean
- **Container Orchestration:** Kubernetes, Docker, Helm Charts
- **Infrastructure as Code:** Terraform , Terragrunt, AWS CDK (TypeScript)
- **CI/CD & Automation:** GitHub Actions, GitLab CI/CD, Bitbucket Pipelines, Ansible, Bash/Shell scripting
- **Monitoring & Observability:** Prometheus, Grafana, ELK Stack, CloudWatch, Azure Monitor
- **Security & Compliance:** IAM, Secret Management, Security Scanning, Policy as Code
- **Databases:** PostgreSQL, MySQL, Redis, MongoDB (containerized deployments)

Certification

- HashiCorp Certified Terraform Associate (003) - 2024
- AWS Certified Cloud Practitioner - 2023
- Red Hat Certified System Administrator (RHCSA) -2022

Education

Maharishi Dayanand Saraswati University
B.Com

2020 – 2023
Rajasthan

Professional Development

- **Continuous Learning:** Actively pursuing advanced Kubernetes skills through CKA certification track, AWS CDK with Typescript and Serverless Framework
- **Technology Mastery:** expertise in Terraform, Terragrunt, Docker and Kubernetes
- **Documentation & Standards:** Keep trying and learning to build comprehensive DevOps architectural documentation, deployment architecture, and solution architecture.