# 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've upskilled through real-world projects, certifications (Terraform, AWS Cloud Practitioner, RHCSA), and continuous learning. I'm now focused on mastering 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

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

**Highskyit Solutions** DevOps Engineer Ahmedabad, Gujarat Feb 2023 – Nov 2023

#### o Azure Cloud Resource Import:

- Imported and modularized over 240 Azure resources, including App Services, API Management, Logic Apps, Service Bus, Storage Accounts, and Key Vaults into Infrastructure as Code (IaC) using Terraform.
- Implemented dynamic modules and an automated naming convention driven by region, environment, and service type, improving reusability and deployment consistency.

#### o DigitalOcean Kubernetes Cluster:

- Designed and deployed a highly available Kubernetes cluster on DigitalOcean, including multi-node configuration, networking, and persistent storage setup.
- Deployed Zookeeper and Kafka using custom YAML manifests and configured the cluster to efficiently manage distributed workloads with fault tolerance.

#### o Docker Container Customization:

- Designed and built a custom Docker image for FreePBX with an embedded Asterisk server. Customized Asterisk configurations to support advanced client needs, including SIP trunking, call routing, and interactive voice response (IVR) workflows.
- Pushed 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.

#### $\circ \ \ \mathbf{AWS} \ \ \mathbf{Cloud} \ \ \mathbf{Infrastructure} \ \ \mathbf{Management} :$

- Provisioned and managed AWS infrastructure using Terragrunt, following Infrastructure as Code (IaC) best practices for scalability and maintainability.
- Automated deployment workflows with Bitbucket CI/CD pipelines, ensuring consistent and version-controlled infrastructure delivery.
- Improved resilience to the cloud environment by implementing a modular Terragrunt architecture and seamless CI/CD integration.

#### Skills

- o Automation: Ansible, Server Management, Bash/Shell scripting
- o Cloud: AWS, Azure, Digital Ocean
- o Containerization & Orchestration: Docker, Kubernetes, Helm (learning)
- o Infrastructure as Code: Terraform, Terragrunt, AWS CDK (learning)
- o CI/CD: GitHub Actions, Gitlab-CI/CD
- o High Availability: Scalable Architecture with Load Balancers, Auto-Scaling, and Multi-AZ deployments

#### Certification

- $\circ\,$  Hashi Corp Certified Terraform Associate (003) - 2024
- $\circ~{\rm AWS}$  Certified Cloud Practitioner 2023
- o Red Hat Certified System Administrator (RHCSA) -2022

## Education

Maharishi Dayanand Saraswati University B.Com Rajasthan 2020 - 2023

## **Professional Development**

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