

# Prateek Saklani

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## Summary

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DevOps / Platform Engineer with 10+ years of experience designing and operating hybrid cloud infrastructure powering products used by millions of users. Specialized in Kubernetes platforms, Infrastructure as Code, GitOps, and automation to deliver highly scalable, reliable, and secure systems in fintech and regulated environments.

## Skills

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**Cloud:** AWS, Oracle Cloud

**OS & Systems:** Linux (administration, hardening, patching, performance tuning)

**Containers & Orchestration:** Kubernetes, EKS, ECS, Fargate, OKE

**IaC:** Terraform, CloudFormation, Helm, Kustomize, Ansible

**CI/CD:** Git, GitHub Actions, ArgoCD, GitLab CI, Bitbucket CI, Jenkins, CodeBuild, CodeDeploy

**Scripting:** Python, Bash

**Messaging:** Kafka, RabbitMQ, Apache MQ

**API & Networking:** Traefik, Apache APISIX, AWS API Gateway, Istio, App Mesh

**Monitoring:** Datadog, Prometheus, Grafana, ELK Stack, OpenTelemetry, CloudWatch, SLOs/SLIs, Error Budgets

**Security & Compliance:** Kyverno, AWS GuardDuty, Security Hub, CIS Benchmarks, SOC2, PCI DSS

**DNS/CDN:** Route53, Cloudflare

## Experience

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### Baraka Financial Limited (YC S21) — Lead DevOps Engineer April 2023 – Present

- Led the redesign of the application infrastructure using Terraform, establishing the version-controlled infrastructure as code and reducing manual infrastructure management efforts by 80%.
- Architected and implemented secure GitOps-based CI/CD pipelines using GitHub Actions, Argo CD, and Python, enforcing Kubernetes RBAC and policy-as-code to achieve 70% faster deployments and highly reliable releases.
- Designed multi-tenant Kubernetes platform for multi-region scalability and high availability, with namespace-level isolation, RBAC policies, and NetworkPolicies, enabling safe shared-cluster usage across 5+ product teams while maintaining security boundaries.
- Implemented platform observability layer with Datadog, Prometheus, Grafana, and OpenTelemetry, defined SLOs and error budgets, conducted structured postmortems to drive systemic fixes, reducing MTTR by 40% and improving developer autonomy in debugging.
- Enhanced system reliability and performance by 40% through strategic improvements in SRE practices and robust DevSecOps pipelines.
- Led infrastructure compliance program for DFSA regulatory license, implementing security hardening, data residency controls, and audit-ready infrastructure patterns across Kubernetes and cloud environments enabling Baraka to operate as a regulated financial institution in the DIFC.

### CoinDCX — Senior DevOps Engineer March 2022 – April 2023

- Delivered an in-house cold wallet solution deployed on an offline HSM system, managing secure blockchain-integrated infrastructure for a crypto exchange serving millions of users.
- Migrated the CoinDCX crypto trading application from a monolithic architecture to containerized microservices on Kubernetes, resulting in a 60% reduction in infrastructure management effort.
- Contributed to the delivery of Okto, a Web3 DeFi platform, managing blockchain-integrated cloud infrastructure to support scalable and reliable production operations.
- Standardized multi-account AWS infrastructure using reusable Terraform modules and implemented CI/CD pipelines with Bitbucket, GitLab, Jenkins, and Argo CD, reducing manual operational effort by 70% and improving deployment consistency.
- Owned project planning and execution to deliver milestones on schedule, while mentoring junior engineers.

### TCIG — Senior DevOps Engineer June 2018 – February 2022

- Migrated legacy monolithic application deployed on windows servers to a modern containerized microservices architecture, resulting in improved deployment frequency, reduced operational overhead, and significant infrastructure cost savings.
- Configured and supervised critical e-commerce applications, such as [holidaysbysaudia.com](https://www.holidaysbysaudia.com), [umrahbysaudia.com](https://www.umrahbysaudia.com) and complex banking applications serving 6 banks.

- Designed and operated a hybrid cloud platform on Oracle Cloud for Saudi banking client, orchestrating migration from AWS ECS to Oracle Kubernetes Engine (OKE) while maintaining multi-region availability and compliance requirements.
- Led compliance certifications (PCI DSS, SOC2) for banking loyalty platform, implementing CIS-benchmarked security controls and audit-ready infrastructure patterns.

#### **Broadridge Financial Solutions — Member Technical** May 2016 – June 2018

- Managed migrating on premise Linux servers to the AWS Cloud, executing a strategic transition that yielded enhanced scalability, flexibility, and operational efficiency.
- Dedicated and hardened Linux servers in cloud and on-premise environments, managing patching, performance tuning, and secure configurations.
- Supervised application brokers, web services like Apache, Nginx ensuring reliable and efficient application traffic handling.
- Performed regular Disaster Recovery (DR) tests across all client environments, ensuring business continuity.

#### **Wipro — Project Engineer & Intern** September 2013 – May 2016

- Worked as a Project Engineer on a US-based project, I had the privilege of delving into the complexities of the project life-cycle, acquiring invaluable insights into the end-to-end process.
- Configured setup for trading partners within Gentran, a reliable and widely-used EDI (Electronic Data Interchange) solution.

### **Certifications**

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Certified Kubernetes Administrator (CKA)  
HashiCorp Certified: Terraform Associate  
AWS Certified Developer Associate

### **Education**

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Bachelor of Computer Applications (2009 – 2012)