Jaimit Patel

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DevOps Engineer with 3+ years automating software delivery and infrastructure across AWS, Azure, GCP and on-premises environments. Built CI/CD pipelines with Jenkins and GitHub Actions that cut deployment time by about 40%, implemented infrastructure as code with modular Terraform that reduced provisioning effort by about 50%, managed configuration with Ansible, and ran Docker and Kubernetes platforms at 99.9%+ uptime. Monitors performance with Prometheus and Grafana, scripts in Bash and Python, and brings hands-on networking (VLANs, DNS, firewalls) and database experience, including highly available PostgreSQL with automated failover and backups.

Core Competencies

- **CI/CD**: Jenkins, GitHub Actions, Bitbucket Pipelines, Argo CD GitOps, Git, Nexus Repository.
- **Infrastructure as Code & Configuration Management**: Terraform (modular), Ansible.
- **Containerization**: Docker, Kubernetes (EKS, AKS, GKE), HPA, RBAC, Ingress, Helm, Istio.
- **Cloud Platforms**: AWS (VPC, EC2, ASG, ALB/NLB, EKS, S3, RDS, Route 53, CloudWatch), Azure (VNet, VMs, AKS, ACR, Key Vault, Azure Monitor), GCP (VPC, Compute Engine, GKE, Cloud SQL).
- **Networking & Databases**: VLANs, DNS, OPNsense firewall, Nginx, OpenVPN; PostgreSQL HA (Patroni, PgBouncer, pgBackRest), RDS MySQL, ClickHouse, RabbitMQ, Valkey.
- **Monitoring & Scripting**: Prometheus, VictoriaMetrics, Grafana, Alertmanager, Loki; Bash, Python (Boto3), YAML.

Professional Experience

Inexture Solutions — **Ahmedabad, India**
DevOps Engineer — *Sep 2026 - Present*

- Designed and set up on-premises data center infrastructure end to end: server sizing, switch configuration, OPNsense firewall, IP/VLAN allocation, DNS and FQDN-based access; Proxmox virtualization with NFS and VM high availability.
- Built highly available PostgreSQL with Patroni, etcd, PgBouncer and pgBackRest (cluster coordination, failover, connection pooling, backup and recovery).
- Configured HA Nginx reverse-proxy infrastructure and an in-house Nexus repository for artifacts, Node.js module caching and Docker images.
- Built observability with Prometheus, Loki and Grafana for metrics, application monitoring and centralized logs; deployed Wazuh SIEM.
- Implemented end-to-end mTLS and centralized secret and certificate management with OpenBao PKI, KV and Agent; hardened servers and configured JumpServer and OpenVPN access.
- Operated GCP workloads across VPC, Compute Engine, GKE, IAM, Artifact Registry, Cloud SQL and Cloud Monitoring.
- Configured OpenBao Agent to deliver credentials and certificates securely to workloads and infrastructure components such as PostgreSQL, RabbitMQ and Valkey.
- Configured RabbitMQ quorum queues for resilient messaging and Valkey with Sentinel for high availability, with certificates from an OpenBao-managed CA.

- **NetAI Inc** — **Ahmedabad, India**
  DevOps Engineer — *Jun 2024 - Aug 2026*
  - Built and maintained CI/CD pipelines with Jenkins, GitHub Actions and Bitbucket, reducing deployment time by about 40% through standardized automation.
  - Developed modular Terraform for cloud environments, reducing provisioning effort by about 50% and improving AWS resource utilization by about 20%.
  - Managed Kubernetes platforms (HPA, RBAC, ingress, persistent storage) supporting 99.9%+ service uptime, with Argo CD GitOps for desired-state sync and controlled rollouts.
  - Built monitoring and alerting with Prometheus, VictoriaMetrics, Grafana, Alertmanager and custom exporters, reducing mean time to detect by about 35%.
  - Managed Azure (VNet, AKS, ACR, Key Vault, Bastion, Application Gateway) and AWS (VPC, EC2, EKS, RDS, ElastiCache, IAM) infrastructure; operated ClickHouse for high-volume ingestion.
  - Integrated Trivy scanning and secret-management practices into delivery workflows.
- **Major Designs Pvt Ltd** — **Ahmedabad, India**
  Junior DevOps Engineer — *Mar 2023 - Mar 2024*
  - Provisioned and managed AWS infrastructure (EC2, S3, ECR, RDS MySQL) with Terraform and automated operational tasks with Python/Boto3.
  - Built CI/CD workflows with GitHub Actions and Jenkins; supported AWS account access, billing and governance.

Projects

- **Full-Stack DevOps Dashboard**: Node.js, Docker, GitHub Actions, Trivy, Render.
- **Pulse Monitor**: Rust (Actix-web, Tokio) service with Prometheus metrics, Docker.
- **IoT Biometric Authentication**: AES encryption, MFA, biometric authentication.

Education

- **Lovely Professional University** — **India**
  B.Tech, Computer Science & Engineering — *2020-2024*
  CGPA: 8.5/10

Certifications

- AWS Certified DevOps Engineer - Professional (in progress). Certified Kubernetes Administrator, CKA (in progress).

Languages

- English (fluent), Hindi (fluent).

References

- Available upon request.