

Paril Sanghvi

Cloud & DevOps Engineer | AWS & Azure | Infrastructure, Automation & Reliability
parilsanghvi@gmail.com | LinkedIn | GitHub | parilsanghvi.in

Summary

Cloud and DevOps Engineer working on production systems for banking, capital markets, and healthcare clients under ISO 27001, SOC 2, and HIPAA constraints. Takes engagements from architecture through delivery and operations, usually as sole technical owner. Work spans hybrid migrations, infrastructure as code, microservices, and applied AI. AZ-104 certified; writes at parilsanghvi.in.

Experience

Fintech Global Center

GIFT City, India

Senior Cloud & DevOps Engineer

July 2026 - Present

- Architected and delivered a hybrid Azure migration for a global bank's corporate actions platform, covering secure on-premises connectivity, infrastructure consolidation, and licensing optimization, reducing client operating costs by \$107K/year.
- Pitched and led an AI-assisted Azure CIS security audit across eight domains for a post-incident financial services client, remediating every finding, including a stale privileged access path left over from earlier project work.

Cloud & DevOps Engineer

June 2024 - June 2026

- Cut new client onboarding from 7 days to under an hour by leading a Terragrunt migration that turned branch-based Terraform into a modular, multi-region, DR-tested architecture.
- Re-architected a 25-year-old VB6 monolith into five .NET microservices for a US regional bank, owning the architecture, CI/CD pipelines, and a shared Angular component library adopted company-wide; the modernization cut response times 60%.
- Pitched and built a multi-tenant client operations control plane for cross-account AWS secrets management, with drift detection, audit trails, and feature-flag governance. Delivered end to end solo and now running in production.
- Led AI adoption across a 50-person organization: migrated the company to the Claude Team plan under a zero-data-retention agreement, drove weekly active usage to 45+ of 50, built custom plugins and skills, and rolled out agentic CI workflows that open guideline-compliant pull requests behind approval gates.
- Architected a HIPAA-aligned patient intake system on AWS using ECS, RDS, and Bedrock. Rejected the original diagnosis-driven scope and redirected it toward dense structured summaries that support physician judgment rather than replace it.
- Ran the Azure platform for a public SaaS code-review product (App Service, PostgreSQL, Azure OpenAI) at 99.9% uptime for 22 months, eliminated non-deterministic deployments by containerizing the release path, and owned cloud-domain evidence and remediation for ISO 27001:2022 and SOC 2 Type II audits.
- Ran a multi-cloud cost optimization program across AWS and Azure covering Graviton migration, EKS capacity tuning, unused database cluster removal, a Redis to Valkey migration, and a runaway Lambda condition surfaced through cost analysis, cutting spend by \$58K/year, about 35% of total estate spend.

Cloud & DevOps Intern

Jan 2024 - May 2024

- Deployed a self-managed Elastic Stack from scratch, a 3-node cluster with ILM and custom ingest pipelines handling up to 15M logs weekly, integrated ElastAlert 2 alerting that caught a silent ILM failure before it filled the cluster, and built 3 monitoring dashboards.
- Introduced a branching and release-tagging strategy where none existed, then built Azure CI/CD pipelines on top of it, including a hotfix workflow that cut emergency releases from 3-4 hours of manual work to under 30 minutes.

John Deere

Pune, India

Software Development Intern

May 2023 - July 2023

- Migrated a 5M-row database from German to English during a MySQL to AWS RDS transition using enum-based deterministic mapping; reduced upload errors by adding type and range constraints at the data-entry layer.

Technical Skills

- Cloud Platforms:** AWS (EC2, Lambda, S3, RDS, EKS, CloudWatch), Azure (AKS, Functions, VMs, Blob Storage, Key Vault), GCP
- IaC & Delivery:** Terraform, Terragrunt, ARM Templates, Bicep, GitOps, Kubernetes, Docker, Helm, Azure DevOps, GitHub Actions, CI/CD
- AI & LLM:** AWS Bedrock, Azure AI Foundry, Prompt Engineering (few-shot, multi-shot), LLM Evaluation, Multi-Agent Systems
- Monitoring:** Elastic Stack (ELK), ElastAlert, Azure Monitor, Log Analytics, App Insights
- Scripting:** Python, Bash, PowerShell, JavaScript, Go, SQL
- Specializations:** Microservices, High Availability, Disaster Recovery, DevOps / GitOps / SecOps, Compliance (ISO 27001, SOC 2), Cloud Cost Optimization

Certifications

Azure Administrator Associate (AZ-104) [Credential]

Azure Fundamentals (AZ-900) [Credential]

Education

National Institute of Technology, Surat, India

2024

Bachelor of Technology, Computer Science and Engineering

Leadership & Activities

Placement Coordinator, Career Development Cell, NIT Surat

May 2023 - May 2024

Technical Lead, Google Developer Student Clubs

2022 - 2023