FICTIONAL SAMPLE RESUME - Digi Jasmine design example. All names, employers, credentials and identifiers are illustrative.

SNEHA PATNAIK

sneha.patnaik@example.com • +91 98XXX XXXXX • Bengaluru / Bhubaneswar
GitHub: (sample profile) • LinkedIn: (sample profile)

LEAD CLOUD SOLUTIONS ARCHITECT & DISTRIBUTED SYSTEMS ENGINEER

CORE TECHNICAL ARCHITECTURE & ENGINEERING MATRIX

Cloud & Container Orchestration	AWS (EKS, Lambda, S3, RDS, CloudFront), GCP, Kubernetes (K8s), Docker, Terraform (IaC), Helm, Nomad
Distributed Backend & Microservices	Go (Golang), Python, Node.js, gRPC, Apache Kafka, Redis, RabbitMQ, Event-Driven Architecture, REST APIs
Databases, Storage & Caching	PostgreSQL, MongoDB, DynamoDB, OpenSearch, ClickHouse, Apache Cassandra, Vector Search (Pinecone)
DevOps, Observability & Security	GitHub Actions, ArgoCD (GitOps), Prometheus, Grafana, Datadog, HashiCorp Vault, Zero-Trust (mTLS), Linux Kernel

CLOUD ARCHITECTURE & SYSTEMS EXPERIENCE

Principal Cloud Solutions Architect — 2022 – Present

CloudScale Enterprise Solutions, Bengaluru

- Architected multi-region AWS Kubernetes infrastructure supporting 150M+ API requests daily with 99.995% uptime availability across us-east-1 and ap-south-1.
- Reduced annual cloud infrastructure expenditure by 34% ($850K savings) through Karpenter auto-scaling, graviton instances, and automated spot orchestration.
- Engineered distributed event-driven data streaming pipeline processing 65,000 events/sec via Apache Kafka and Go microservices with sub-18ms p99 latency.
- Standardized enterprise Terraform modules utilized by 180+ developers across 32 microservices with zero configuration drift and automated policy enforcement.

Senior DevOps & Cloud Systems Engineer — 2019 – 2022

Infosys Cloud Innovation Labs, Hyderabad

- Engineered end-to-end GitOps CI/CD delivery pipelines via GitHub Actions and ArgoCD, slashing release lead turnaround from 3 days to under 14 minutes.
- Directed zero-downtime migration of monolithic core banking transaction backend into 42 containerized Go microservices on AWS EKS.
- Configured distributed tracing and observability stack (Prometheus, Grafana, Jaeger), identifying critical bottlenecks and cutting p99 response time by 45%.
- Implemented automated chaos engineering tests using Chaos Mesh, verifying fault resilience against unexpected zone outages.

Cloud Infrastructure Engineer — 2017 – 2019

Tata Consultancy Services, Pune

- Automated server provisioning and Linux kernel optimization across 800+ EC2 instances using Ansible, Terraform, and Bash scripts.
- Implemented automated disaster recovery failover achieving recovery point objective (RPO) under 2 minutes and recovery time objective (RTO) under 45 seconds.
- Managed automated daily snapshots and cross-region AMI replication for high-compliance healthcare workloads.

FEATURED TECHNICAL SYSTEMS

Multi-Region Active-Active EKS Cluster
Architected cross-region Kubernetes federation with Route 53 latency routing and Aurora global database replication, surviving complete regional AWS outage.

High-Throughput Kafka Stream Engine
Engineered streaming pipeline ingesting 1.2 Billion financial telemetry records daily with fault-tolerant dead-letter queue buffering and exactly-once processing.

Zero-Trust Service Mesh (Istio & Vault)
Enforced mutual TLS (mTLS), strict RBAC policies, and automated certificate rotations across 160 microservices pods, achieving full SOC 2 Type II compliance.

Automated Cloud FinOps Engine (Go)
Built custom daemon monitoring idle cloud resources, automated snapshot lifecycles, and rightsizing compute clusters, saving $18,000 monthly.

Self-Service Developer Platform (IDP)
Created internal developer platform leveraging Backstage and Terraform, reducing developer sandbox environment provisioning from 2 weeks to 8 minutes.

Distributed Secrets & Key Governance
Integrated HashiCorp Vault with AWS KMS for dynamic secret generation and automated credential rotation across multi-cloud environments.

EDUCATION & PROFESSIONAL ACCREDITATIONS

- **B.Tech in Computer Science & Engineering** – Veer Surendra Sai University of Technology (VSSUT), Burla (2013 – 2017) • CGPA: 8.84 / 10.0 (First Class Honours)
- **Certifications:** AWS Certified Solutions Architect – Professional (SAP-C02) • Certified Kubernetes Administrator (CKA) • HashiCorp Certified: Terraform Associate • Red Hat Certified Engineer (RHCE) • Certified Information Systems Security (CISSP Foundation)
- **Engineering Patterns:** Domain-Driven Design (DDD) • Event-Driven Architecture (EDA) • GitOps Continuous Delivery • Chaos Engineering • 12-Factor Apps