Navneet Sharma

CLOUD & AI PLATFORM ARCHITECT

Technology architect with 12+ years of experience across cloud platforms, DevOps, infrastructure automation, platform engineering, data services and emerging AI infrastructure.

PROFESSIONAL PROFILE

Senior architecture professional spanning Azure-centric cloud platforms, DevOps, Kubernetes, infrastructure as code, observability and data services. Current direction: AI infrastructure, MLOps and production-grade AI platforms. Comfortable moving between architecture decisions, implementation patterns, delivery automation and stakeholder communication.

CORE CAPABILITIES

Cloud Architecture Azure platforms, landing zones, identity, networking, governance, security and cost-aware design	**Platform & DevOps** Kubernetes, AKS, Docker, Helm, CI/CD and developer enablement
Infrastructure as Code Terraform, reusable modules and automated provisioning	**AI Infrastructure** MLOps foundations, AI platform architecture, observability and LLMOps direction
Data Platforms Synapse Analytics, Data Factory, ADLS Gen2 and cloud data integration	**Observability** Azure Monitor, Application Insights, Prometheus and Grafana

SELECTED ARCHITECTURE WORK

Enterprise Cloud & Analytics Foundation

Designed and led cloud infrastructure patterns for analytics workloads using Azure services, infrastructure automation, identity, secrets management, monitoring and delivery pipelines.

Kubernetes & Delivery Platform

Built container-platform patterns using Kubernetes/AKS, registries, Helm and automated CI/CD, with attention to repeatability, observability and production operations.

Infrastructure Automation

Created Terraform-driven provisioning approaches for consistent environments, reducing manual configuration and improving reviewability of infrastructure changes.

AI Platform Evolution

Extending a cloud and platform-engineering foundation into MLOps, AI infrastructure and production AI systems, emphasizing secure deployment, observability and scalable platform design.

TECHNOLOGY TOOLKIT

Cloud: Azure; active expansion into AWS

IaC & Automation: Terraform, Bash, PowerShell, Python, Ansible

Containers: Docker, Kubernetes, AKS, ACR, Helm

CI/CD: Azure DevOps, Jenkins, GitHub Actions, YAML pipelines

Observability: Azure Monitor, Application Insights, Prometheus, Grafana

Data: Synapse Analytics, Data Factory, ADLS Gen2, PostgreSQL, MySQL, MongoDB, Cosmos DB

PROFESSIONAL APPROACH

Architecture first, automation by default, security and operability built in. I prefer reusable patterns over one-off fixes, clear technical communication over unnecessary complexity, and hands-on validation before recommending a design.

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