

AMAN SHARMA

Senior DevOps Engineer · Azure Cloud · Kubernetes · Infrastructure as Code · CI/CD

📞 +91-7015050716 ✉ amansharma.cloud@gmail.com 🔗 [linkedin.com/in/aman-sharma-b0997a88](https://www.linkedin.com/in/aman-sharma-b0997a88)

📍 Open to Relocation: Netherlands · Switzerland · Sweden · Finland · Europe | EU Blue Card / Highly Skilled Migrant Visa Eligible

Professional Summary

Senior DevOps / Cloud Infrastructure Engineer with **8+ years of experience** across Azure and AWS, delivering secure, cost-optimized, and scalable platforms for global enterprise clients. Expertise spans **CI/CD architecture**, **Infrastructure as Code (IaC)**, **DevSecOps**, and **multi-cloud engineering** — increasingly leveraging **AI-assisted tools (Cursor, Claude)** to accelerate delivery. Fluent English (C1), proven mentor, and consistent recipient of formal client recognition for high-velocity, low-disruption delivery.

Technical Skills

Cloud Platforms	Azure (AKS, VMSS, VMs, Storage Accounts, Networking, Azure Active Directory, Azure Key Vault, Azure Functions, Azure Monitor); AWS
IaC / Infrastructure as Code	Terraform, Ansible
CI/CD & DevOps	Azure DevOps, GitHub Actions, GoCD, Jenkins, JFrog Artifactory, GitHub, GitLab
Orchestration	Kubernetes, Docker
Observability	Azure Monitor, Dynatrace, Splunk
Security & Compliance	SonarQube, DevSecOps, Azure Policy, Azure RBAC, Azure Active Directory, Azure Key Vault, IAM, WIZ, JFrog XRay, SOC2, GitGuardian
Scripting	Bash, Python
Databases	MySQL, PostgreSQL
OS	Linux (RHEL, Ubuntu)
Methodologies	Agile (Scrum, Kanban), GitOps, DevSecOps, SDLC
Tools	JIRA, Confluence, Helm, ArgoCD
Languages	English — Professional Proficiency (C1)

Professional Experience

Thoughtworks — *Senior Infrastructure Consultant (promoted from Infra Consultant)* Aug 2022 – Present

Cloud Infrastructure & Platform Engineering

Architected and owned Azure cloud infrastructure for 5+ enterprise clients — leading AKS migration from VMSS with minimal downtime, implementing zone redundancy (LRS/ZRS), storage lifecycle policies, and environment right-sizing to drive cost optimization across multi-client environments without impacting development velocity.

CI/CD Modernization & GitOps

Modernized the platform's entire CI/CD estate by migrating from GoCD to GitHub Actions and GitLab to GitHub — standardizing version control, improving deployment speed, and embedding DevSecOps practices (JFrog XRay, Azure Key Vault, SonarQube) across all client pipelines.

Kubernetes & Event-Driven Autoscaling

Implemented KEDA-based event-driven autoscaling for Spark submit workloads on AKS, enabling dynamic demand-based scaling — improving resource efficiency and reducing infrastructure costs across production environments.

Infrastructure as Code

Developed and maintained reusable Terraform modules and Helm charts — authored, managed, and deployed via ArgoCD — standardized across multiple client projects, championing IaC culture and enabling consistent, repeatable infrastructure delivery at scale.

Platform Resilience & Data Infrastructure

Built Elasticsearch and Spark clusters for real-time pricing analytics in collaboration with data engineering teams. Designed a multi-layered DR strategy covering Elasticsearch clusters, Azure Storage Accounts, and databases — including Point-in-Time Recovery (PITR) — ensuring reliable restoration within defined RTO/RPO objectives.

Security & Compliance Engineering

Led SOC2 audit readiness ensuring all security controls and compliance requirements were met. Implemented JFrog XRay across build pipelines to block vulnerable images pre-production. Deployed Wiz for continuous vulnerability detection and integrated GitGuardian to prevent secret leakage across all repositories.

AI-Powered Engineering Tools

Built an Engineering Dashboard Portal (HTML, CSS, Python, Azure Functions, GitHub Pages) and a Storage Account Tracking Portal using Cursor and Claude — giving Developers, QA, and DevOps a single pane of glass across project resources. Leveraged Cursor and Claude to identify cost leakages in Databricks ETL runs and Storage Account data transactions — reducing costs by 70%, saving clients approx. \$1,500/month.

Technical Leadership & Stakeholder Management

Mentored junior engineers through knowledge-sharing sessions and code reviews; presented technical vision and platform

roadmap to stakeholders — aligning engineering with business objectives; received formal client appreciation across all major accounts.

Deloitte Consulting India Pvt. Ltd. — *DevOps Analyst — Banking & Financial Sector* Jul 2021 – Aug 2022

- Built end-to-end AWS IaC GitOps pipeline (Terraform, Jenkins, GitHub) provisioning VPC, NAT Gateways, CloudTrail, IAM, Route53, and SNS; developed reusable Terraform Modules with feature toggles — achieving a full AWS Account GitOps model.
- Automated CI/CD pipelines across SIT, UAT, and PROD; integrated SonarQube with Jenkins and embedded IaC security scanning into Terraform pipelines — enforcing DevSecOps compliance.
- Configured CloudWatch for centralised observability; implemented S3 lifecycle policies to reduce cloud storage costs.
- Trained new team members on DevOps best practices and GitOps workflows. Received **Performance Reward** and **Shout Out Award** for zero-dependency client deployments.

MavenWave, an Atos Company — *Infra DevOps Engineer — Banking & Financial Services* Jan 2021 – Jul 2021

- Designed multi-cloud infrastructure (AWS, GCP) using Terraform Enterprise with workspace-based separation for secure, compliant provisioning across client environments.
- Administered Bitbucket repositories, branching strategies, and pull request workflows; collaborated cross-functionally to improve production reliability and operability.

Wipro Ltd. — *DevOps Engineer — Retail Banking (US Client)* Aug 2018 – Dec 2020

- Led on-premises to AWS migration for one of the largest US retail banks using Terraform, CloudFormation, and Jenkins CI/CD pipelines.
- Designed VPC configurations (Subnets, NAT/Internet Gateway, Bastion Hosts, Route Tables); provisioned EC2, S3, Load Balancers, and Auto Scaling Groups.
- Monitored infrastructure for performance degradation, responded promptly to production incidents; tracked sprint work in JIRA using Agile Kanban.

Certifications

Microsoft Certified: Azure Fundamentals (AZ-900)

AWS Certified DevOps Engineer — Professional (Expired)

AWS Certified Solutions Architect — Associate (Expired)

Awards & Recognition

- **Formal Client Appreciation** — Thoughtworks, for minimal-downtime Kubernetes migration across 5+ enterprise clients
- **Performance Reward & Shout Out Award** — Deloitte, for on-time deliveries and independent client deployment management
- **Spot Award** — MavenWave (Atos), for exceptional client value delivery
- **Inspiring Performance Recognition** — Wipro, by Project Manager for highest project delivery count
- **“Pleasure Working With You” Badge** — Wipro, from Delivery Manager for on-time project deliveries

Education

Bachelor of Technology — Computer Science & Engineering

June 2018

JMIT, Kurukshetra University, Radaur, Haryana