

KHUSH JAIN

Cloud Engineering Leader · AWS · GenAI-Powered Automation · Disaster Recovery

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PROFESSIONAL SUMMARY

Results-driven Cloud Engineering professional with 3+ years delivering scalable, secure AWS solutions for fintech and enterprise environments. Pioneered a **GenAI-powered cloud automation portal** (LLMs + AWS Bedrock) reducing provisioning time by ~60%. Deep expertise in multi-region DR, air-gapped architectures, cost optimisation (\$260K+ savings), ISO/IEC 27001:2022 compliance, and engineering leadership.

TECHNICAL SKILLS

Cloud & GenAI	AWS (EC2, S3, IAM, EKS, Route 53, CloudFront, Lambda), Azure, LLMs, AWS Bedrock, Prompt Engineering
DR & Security	Multi-region DR, air-gapped recovery, RTO/RPO optimisation, AWS WAF, DDoS mitigation, ISO/IEC 27001:2022 ISMS
DevOps & IaC	CI/CD (CodePipeline, CodeDeploy, TeamCity), GitOps (ArgoCD), CloudFormation, Blue-Green Deployments
Scripting & Monitoring	Python, Bash, CloudWatch, Splunk, ServiceNow

PROFESSIONAL EXPERIENCE

Assistant Manager – Cloud Engineering (AWS)

Dec 2025 – Present · Pune

Fibe (Fintech)

- **Pioneered a GenAI-powered Cloud Automation Portal** using LLMs + AWS Bedrock APIs for natural language infra provisioning — reducing provisioning time by ~60%.
- Lead cloud delivery for a fintech lending app, managing 4 engineers across build, release, and production support.
- Achieved **~\$4,000/month S3 cost savings** via lifecycle policy automation; deployed AWS WAF on CloudFront for DDoS/bot mitigation.
- Drive automation for password rotation, secrets management, and CI/CD-driven deployments — improving security posture and efficiency.

Cloud Administrator

Jan 2023 – Dec 2025 · Pune

ZS Associates (Global Consulting)

- **Designed multi-region DR and air-gapped recovery architectures** across global environments (China, HiSec) including automated failover testing.
- **Re-architected a flagship application** — reduced RTO 18 → 6 hours, delivering **~\$260,000 annual cost savings**.
- Built Blue-Green deployment pipelines (CodePipeline, CodeDeploy, EC2); removed ~2 PB unused S3 data aligned to ISO 27001:2022.
- Developed Python automation scripts eliminating repetitive tasks, reducing manual errors and improving team throughput.

KEY PROJECT HIGHLIGHTS

GenAI Cloud Portal [Fibe] ⚡	LLM + AWS Bedrock portal for natural language infra provisioning; guardrails, approval workflows, audit logging. ~60% faster provisioning.
Cost Optimisation [Fibe]	Automated S3 lifecycle governance — \$4,000/month savings with zero disruption.
WAF & Security [Fibe]	WAF on CloudFront for DDoS/bot mitigation; deep traffic analytics and improved release readiness.
Flagship Redesign [ZS]	Re-architected enterprise app: RTO 18 → 6 hrs, ~\$260K/year saved via modernised resilience.

EDUCATION & CERTIFICATIONS

B.Tech – Computer Science & Engineering — MIT School of Engineering, Pune | 2019–2023
ISO/IEC 27001:2022 ISMS Lead Auditor Trained — BSI Training
Embedded Systems & Robotics — IIT Bombay (Online)

Open to roles in Cloud Architecture · GenAI Infrastructure · DevOps Leadership · Platform Engineering