

# 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

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

|                                  |  |
|----------------------------------|--|
| <b>GenAI Cloud Portal [Fibe]</b> | ◆ LLM + AWS Bedrock portal for natural language infra provisioning; guardrails, approval workflows, audit logging. ~60% faster provisioning. |
| <b>Cost Optimisation [Fibe]</b>  | Automated S3 lifecycle governance — \$4,000/month savings with zero disruption.  |
| <b>WAF &amp; Security [Fibe]</b> | WAF on CloudFront for DDoS/bot mitigation; deep traffic analytics and improved release readiness.  |
| <b>Flagship Redesign [ZS]</b>    | 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