

# Sakshi

## Cloud Engineer

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### Professional Summary

Results-driven **Cloud Engineer** with a strong background in **Information Technology** and **Server administration**. Dedicated to designing and managing cloud-based systems on **AWS** and **Azure**. Expert in **Automation** using **Terraform**, **Ansible**, and **Python**. Collaborative problem-solver focused on **System Migration** (including lift-and-shift migration strategies), **Security**, and ensuring business continuity. Proficient in building robust **CI/CD pipelines** and enforcing **IAM Policy** standards. Possesses strong written and verbal communication skills.

### Technical Skills

<b>Cloud Platforms</b>	Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP)
<b>DevOps Tools</b>	Jenkins, GitHub Actions, Azure DevOps, Docker, Kubernetes, Git
<b>Automation &amp; IaC</b>	Terraform, CloudFormation, Ansible, Python, Bash Scripting
<b>Storage &amp; DB</b>	RDS, DynamoDB, S3, Blob Storage, Cloud Database Management
<b>Monitoring</b>	CloudWatch, Prometheus, Grafana, Azure Monitor, Logging and Alerting
<b>Security &amp; OS</b>	IAM Policy Enforcement, Linux/Windows Admin, Security Groups, VPC

### Work Experience

07/2025 – Present	<b>Cloud Engineer Lead (Project), DevOps Quest (Cloud Platform)</b> <ul style="list-style-type: none"><li><b>Infrastructure Design:</b> Deployed scalable, fault-tolerant infrastructure on <b>AWS</b> using <b>Terraform</b>.</li><li><b>CI/CD Pipelines:</b> Built and maintained automated CI/CD pipelines (Jenkins + GitHub Actions) to streamline code deployment and reduce manual errors.</li><li><b>Containerization:</b> Orchestrated microservices using <b>Docker + Kubernetes</b> for high availability and scalability.</li><li><b>Monitoring:</b> Configured <b>CloudWatch</b> monitoring and <b>Grafana</b> dashboards to track system health and performance.</li><li><b>Collaboration:</b> Worked closely with cross-functional teams to provide technical guidance and support.</li></ul>
01/2025 – 03/2025	<b>Cloud Infrastructure Engineer (Project), E-Commerce Website</b> <ul style="list-style-type: none"><li><b>System Migration:</b> Executed a lift-and-shift migration of application data to cloud environments, ensuring data integrity.</li><li><b>Cost Optimization:</b> Implemented cost optimization strategies including right-sizing instances and configuring lifecycle policies for S3 buckets.</li><li><b>Cloud Storage:</b> Managed cloud database and storage solutions using <b>RDS</b> and <b>S3</b> for secure, scalable data management.</li><li><b>Networking:</b> Configured <b>VPC</b>, subnets, and load balancing to optimize traffic flow.</li></ul>
07/2024 – 12/2024	<b>Full Stack Cloud Developer (Academic Project), FOODISTA (Campus Dining Platform)</b> <ul style="list-style-type: none"><li>Designed optimal cloud solutions on <b>Microsoft Azure</b> meeting security guidelines.</li><li><b>Troubleshooting:</b> Performed RCA / troubleshooting / incident response for critical system failures, ensuring minimal downtime.</li><li><b>Security:</b> Implemented strict <b>IAM Policy Enforcement</b> and role-based access controls to secure sensitive user data.</li><li>Utilized strong written and verbal communication skills to collaborate with stakeholders.</li></ul>

### Education

2022–2026	<b>Bachelor of Engineering in Computer Science (Specialisation in DevOps)</b> , Chandigarh University, CGPA: 8.21 Relevant Coursework: Cloud Computing, Linux Administration, Information Technology, Disaster Recovery.
2021	<b>Intermediate (Class XII)</b> , Kendriya Vidyalaya AFS Thane Kolshet, 90%

### Academic Research

11/2025	<b>Research Paper, DevOps Quest: Cloud Architecture Analysis</b> <ul style="list-style-type: none"><li>Authored a paper on Monitoring and Optimization, demonstrating a 20% reduction in infrastructure costs.</li></ul>
01/2024	<b>Academic Study, Cyber Attacks on Cloud Systems</b> <ul style="list-style-type: none"><li>Analyzed vulnerabilities in Cloud Platforms and proposed enhanced Access Management protocols.</li></ul>

### Certifications & Interests

Certifications	Oracle Cloud Infrastructure Generative AI Professional (2024), Microsoft Azure Fundamentals (2023)
Interests	Cloud Native Technologies, Disaster Recovery Planning, System Migration