

# SWECHA SEKHAR SIDDAMSHETTY

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Cloud Engineer with 4+ years of experience designing, automating, and supporting cloud infrastructure across AWS and Azure. Strong expertise in Terraform, Kubernetes, CI/CD pipelines, and cloud monitoring, driving high availability, cost optimization, and faster deployments in production environments.

## SKILLS

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**Cloud & DevOps:** AWS (EC2, S3, RDS, IAM, CloudWatch), Azure (Azure DevOps, Azure Monitor), GCP (Foundational), Terraform, Kubernetes, Docker, Helm, CI/CD

**Monitoring & Reliability:** Grafana, CloudWatch Alerts, Azure Monitor, Log Analytics, High Availability

**Programming & Scripting:** Java, SQL, PowerShell, Bash

**Enterprise Tools:** ServiceNow, Confluence, SAP Concur

## EXPERIENCE

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### Cloud Engineer | GM Financial

Jan 2024 – May 2024

Automated infrastructure provisioning with Terraform, reducing deployment time by 65%

Irving, TX

Implemented Azure Monitor and Log Analytics, reducing downtime by 35%

Built and maintained Azure DevOps CI/CD pipelines for 10+ applications, accelerating releases by 50%

Managed Azure cloud infrastructure in production environments, ensuring 99.9% uptime for 15+ critical services

### Cloud Engineer | AVEVA Solutions Private Limited

Sep 2021 – Jan 2023

Built CI/CD pipelines using Jenkins, Docker, and Kubernetes to accelerate cloud deployments.

Hyderabad, India

Improved cloud and network reliability through root-cause analysis and stability enhancements.

Secured cloud infrastructure by deploying firewalls, patches, and access controls.

### Cloud Engineer | Infosys

Nov 2019 – Sep 2021

Configured Amazon CloudWatch alerts to enable proactive server monitoring.

Hyderabad, India

Optimized cloud resource usage to reduce infrastructure costs across environments.

Improved operational processes to enhance system reliability and efficiency.

## PROJECT / ACHIEVEMENT – TECH STACK – OUTCOME

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### Hybrid Cloud Migration( Terraform, Kubernetes, AWS, GCP )

[GitHub](#)

Migrated 50+ on-prem workloads to AWS and GCP with zero downtime, reducing costs by 40%.

### User Management Web App (Node.js, PostgreSQL)

[GitHub](#)

Built RESTful APIs to create, retrieve, and update users with a PostgreSQL backend and automated testing.

### AWS Terraform Infra Demo: Designed and validated AWS networking infrastructure using Terraform (IaC)

[GitHub](#)

## CERTIFICATIONS

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AZ-900: Microsoft Certified Azure Fundamentals, Oct 2025

AWS Certified Solutions Architect – Associate (In Progress)

## EDUCATION

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Northeastern University — Boston, MA | MPS Informatics | Jan 2023 – Dec 2024

Guru Nanak Institutional Technical Campus — Hyderabad, India | B. Tech IT | Aug 2015 – May 2019