

Sreenivas Reddy S

4 X AZURE Certified | Azure IaaS & DevOps Engineer
+91 8884293016
sreenivasreddy2107@gmail.com



SUMMARY

Certified Azure DevOps engineer with 9 years of experience in designing, automating, and optimizing mission critical deployments on Microsoft Azure. Specialized in Infrastructure as code using Terraform, managing Kubernetes cluster in AKS, and delivering secure, scalable Devops pipelines using Azure Devops. Strong background in cloud infrastructure, CI/CD, and microservices deployments with a focus on performance, reliability and governance.

PROFILE

- Experienced in all phases of Software Development Life Cycle (Analysis, Design, Development, Testing, and maintenance) using Waterfall and Agile methodologies.
- Expertise in Architecting and Implementing Azure Service Offering, such as Azure storage, Azure Active Directory (AD), Azure Resource Manager (ARM) templates, Azure App Service, Azure VMs, Azure Cosmos DB, Azure Functions, Azure Traffic Manager, and Azure Service Bus.
- Experience in writing Infrastructure as a code (IaC) in Terraform, Azure resource management. Created reusable Terraform modules in both Azure and AWS cloud environments.
- Proficient in creating Docker images using Docker File, worked on Docker container snapshots, removing images, and managing Docker volumes and implemented Docker automation solution for CI/CD model.
- Setup Ingres controllers for traffic management and TLS termination using Azure application gateway.
- Experience in setting up the Service mesh Istio in Azure Kubernetes services for microservice applications.
- Knowledge of Azure Site Recovery and Azure Backup Installed and Configured the Azure Backup agent and virtual machine backup, Enabled Azure Virtual machine backup from the Vault and configured the Azure Site Recovery (ASR).

EMPLOYMENT HISTORY

Lead Consultant	HCL Technologies Limited	Oct 2024 - Present
IT Analyst	Tata Consultancy Services	June 2022 – Oct 2024
Application Development Senior Analyst	Accenture	July 2021 – May 2022
Senior Implementation Engineer	Sixdee Telecom Solutions pvt ltd	May 2016 – July 2021

TECHNICAL SKILLS

- Containerization Tools – Docker, Kubernetes
- Version Control Tools – Git, GitHub, Azure Repos
- CI/CD Tools – Azure Devops, Jenkins, GitLab
- Configuration Management – Ansible
- Cloud Services – Azure VM, Storage Account, App Service, Traffic Manager, Cosmos DB, Function App, Key Vault, Azure Active Directory
- Database – MySQL
- Ticketing Tool – Jira, Azure Boards
- Application Servers – Apache Tomcat, JBOSS

- Scripting Languages – Bash Shell, Python
- Artifactory – Nexus, JFrog

EDUCATION

Andhra Pradesh, India

G. Pulla Reddy Engineering College, JNTUA

Oct 2012 - Apr 2016

PROFESSIONAL EXPERIENCE

Project: ING Bank

Role: Azure DevOps Engineer

Company: HCL Technologies

Roles & Responsibilities:

- Designed and deployed reusable terraform modules to provision Azure resources including AKS clusters, VNets, NSGs, Key Vaults and Application Gateways.
- Automated multi-environment infrastructure setup with remote state management using Azure Blob Storage and Terraform Workspaces.
- Managed and monitored Azure Kubernetes Service (AKS) clusters, configured node pools, RBAC policies, and integrated with Azure AD for secure access.
- Deployed Helm charts for microservices with rolling updates, auto scaling, and custom metrics via Prometheus and Grafana.
- Built end-to-end YAML based CI/CD pipelines in Azure Devops with secure secrets handling via variable groups and key Vault integration.
- Led migration from classic release pipelines to multistage YAML pipelines for enhanced automation and traceability.

Project: H&M

Role: Azure DevOps Engineer

Company: Tata Consultancy Services

Roles & Responsibilities:

- Developed CI/CD pipelines using Azure Devops for .Net Core and Node.js applications with environment specific configurations.
- Used Terraform to provision and manage Azure Infrastructure for over 10+ development and production environments.
- Monitored AKS clusters using Azure Monitor and configured alerts for pod/resource thresholds.
- Automated secrets management using Azure Key Vault and integrated them securely into pipelines.
- Created deployment strategies like blue-green and canary using pipeline gates and deployment slots in Azure App Services.

Project: Microsoft Envision

Role: Azure DevOps Engineer

Company: Accenture

Roles & Responsibilities:

- Configured CI/CD pipelines in Classic & Yaml in ADO and deployed the code in Azure cloud Services.
- Experienced in writing the ARM Templates for provisioning the Azure infrastructure and executed through CI/CD Pipelines.

- Implemented network policies and PodSecurity Policies to enforce workload isolation and security within AKS clusters.
- Written bash and python scripts for automation of daily activities and cleanup activities.
- Used Init containers and sidecar containers to enhance container lifecycle management and observability.

Project: Hargray, SmartFren, Cell C, Smart City

Role: Azure DevOps/Open DevOps Engineer

Company: 6d Technologies

Roles & Responsibilities:

- Implemented a CI/CD framework using Jenkins, Maven & Artifactory in Linux environment and Integration of Maven/Nexus, Jenkins, Git and JIRA.
- Used Git version control to manage the source code and integrating Git with Jenkins to support build automation and integrated with Jira to monitor the commits.
- Designed various Jenkins jobs to continuously integrate the processes and executed CI/CD pipeline using Jenkins, Ansible Playbooks.
- Involved in the Consulting, Analysis, Design, Development and Implementation of automated Continuous Integration/Continuous Deployment pipelines and test automation solutions.
- Experience in writing Ansible playbooks by using YAML script to manage web applications, configuration files, used mount points and packages.