

Sushyam Nagallapati

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PROFESSIONAL SUMMARY

- Cloud, DevOps, and Site Reliability Engineer with 4+ years of experience designing scalable cloud infrastructure across Microsoft Azure, Amazon Web Services (AWS), and Google Cloud Platform (GCP), using Infrastructure as Code (Terraform, ARM Templates, AWS CloudFormation) and Kubernetes orchestration (AKS, EKS, Docker).
- Skilled in CI/CD automation using Azure DevOps, Jenkins, GitHub Actions, and AWS CodePipeline, with a strong background in cloud migration, monitoring, DevSecOps, scripting, and high availability architectures.

TECHNICAL SKILLS

Cloud: Azure, AWS, GCP

Containers: Docker, Kubernetes (AKS, EKS, GKE), Helm, Kustomize

Infrastructure as Code: Terraform, ARM Templates, AWS CloudFormation

CI/CD: Azure DevOps, Jenkins, GitHub Actions, AWS CodePipeline, CodeBuild, CodeDeploy

Monitoring: Azure Monitor, Log Analytics, Application Insights, CloudWatch, Splunk, Dynatrace, New Relic

Languages: Python, Bash, PowerShell

Networking: VNets, VPC, Route 53, Traffic Manager, Load Balancers, Azure Firewall, IAM, RBAC

Databases: MySQL, MSSQL, MongoDB, Cassandra

PROFESSIONAL EXPERIENCE

SRE / Cloud / DevSecOps Engineer, Grant Thornton

Toronto, Canada | Nov 2024 - Present

- Designed and managed secure, highly available Azure and AWS production infrastructure, including multi region architectures with disaster recovery and load balancing.
- Built and operated Kubernetes clusters on AKS and EKS using Docker and Helm.
- Automated infrastructure provisioning and deployments across Linux and Windows environments using Terraform, Ansible, PowerShell, Python, and Bash.
- Developed CI/CD pipelines using Azure DevOps, Jenkins, GitHub Actions, and AWS CodePipeline.
- Implemented centralized monitoring with Azure Monitor, Application Insights, CloudWatch, and Splunk.
- Managed Azure Container Registry and Amazon ECR with secure image governance.
- Implemented SLI, SLO, and error budget practices to improve service reliability.
- Executed rolling, blue green, and canary deployments for Kubernetes workloads.

DevOps / Cloud Engineer, Yokra Technology Solutions

India | Jun 2022 - Oct 2024

- Built scalable AWS infrastructure using EC2, VPC, Route 53, ELB, IAM, RDS, and EKS.
- Automated infrastructure deployments and cloud operations using Terraform, AWS CloudFormation, Python, and Bash scripts.
- Developed CI/CD pipelines with Jenkins, Maven, CodePipeline, CodeBuild, and CodeDeploy.
- Managed Docker and Kubernetes workloads across AWS and GCP.
- Implemented monitoring using CloudWatch, CloudTrail, Dynatrace, Nagios, and Splunk.
- Contributed to enterprise cloud migration and modernization initiatives across AWS and GCP.
- Deployed relational and NoSQL databases using automated templates.

EDUCATION

M.Eng. in Systems Design Engineering, University of Waterloo

Graduated April 2026

B.Eng. in Mechatronics Engineering, Rajalakshmi Engineering College

Graduated April 2023