

RUPESH DAMIDI

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PROFESSIONAL SUMMARY

DevOps & Cloud Engineer with 4 years of experience in cloud automation, infrastructure delivery, and release engineering. Skilled in implementing Infrastructure as Code using Terraform and ARM templates, and building CI/CD pipelines in Azure DevOps and Jenkins. Knowledge in containerization and orchestration using Docker and Kubernetes (AKS), with hands-on experience setting up monitoring and alerting through Azure Monitor. Strong scripting background in Bash, and PowerShell for automation, validation, and environment health checks. Proven ability to work in enterprise teams, delivering secure, repeatable, and scalable solutions that improve reliability and reduce manual effort.

TECHNICAL SKILLS

Cloud Platforms: Azure

Infrastructure as Code (IaC): Terraform, ARM Templates

Containers & Orchestration: Docker, Kubernetes (AKS)

DevOps & CI/CD: Jenkins, Azure DevOps, Jenkins

Scripting & Automation: Bash, PowerShell, YAML

Data & Analytics: MySQL, PostgreSQL

Observability & Security: Azure Monitor, Grafana, RBAC Key Vault.

PROFESSIONAL EXPERIENCE

GAF: Parsippany, NJ Aug 2024 – Present Role: Cloud DevOps Engineer

Project: Supported the automation of CI/CD pipelines and infrastructure provisioning to enhance deployment efficiency for ERP and manufacturing applications at GAF. Contributed to containerization and cloud migration efforts using Docker, Kubernetes, and Terraform. Assisted in implementing monitoring dashboards and security controls to improve system reliability and compliance.

Designed and deployed Kubernetes clusters on Azure (AKS) and on-prem environments, managing workloads, namespaces, secrets, and RBAC for secure multi-team usage

Assisted in containerizing applications with Docker and deploying them on Kubernetes (AKS) clusters to improve scalability and consistency.

Developed Terraform scripts to provision Azure infrastructure, helping the team standardize and speed up environment setup.

Integrated Terraform and Ansible into Azure DevOps pipelines, enabling repeatable infrastructure builds and configuration deployments.

Integrated Checkmarx SAST scans into CI/CD pipelines (Azure DevOps) to automatically identify and remediate security vulnerabilities in source code.

Automated Helm chart creation and maintenance for consistent deployment of microservices across Azure and on-prem Kubernetes clusters.

Created and maintained Prometheus/Grafana dashboards and supported monitor system health across manufacturing and warehouse systems.

Wrote automation scripts in Python and Bash to handle routine operational tasks, reducing manual effort for the DevOps team.

Supported hybrid deployments by standardizing CI/CD pipelines in Azure DevOps with Helm and Argo CD for seamless release delivery.

Implemented GitOps practices with Argo CD to enable automated, version-controlled deployments in hybrid environments (cloud + on-prem).

Collaborated with senior engineers to ensure production readiness of applications supporting sales, distribution, and manufacturing processes.

Participated in incident resolution and troubleshooting, documenting fixes and helping improve recovery procedures for business-critical applications.

TNR Constructions, India Dec 2020 – Nov 2022 Role: Cloud DevOps Engineer

Project: Supported a construction company's cloud-based applications by maintaining Azure infrastructure and automating deployments for .NET applications. Built and enhanced CI/CD pipelines in Azure DevOps, managed releases across DEV, QA, UAT, and PROD, and ensured smooth operations of Azure services including App Services, Logic Apps, Key Vaults, and SQL Databases. Maintained and supported cloud-hosted .NET applications critical for construction project operations.

Designed and managed CI/CD pipelines in Azure DevOps for smooth deployments across DEV, QA, UAT, and PROD.

Built and maintained Infrastructure as Code (IaC) with Terraform, provisioning Azure resources such as VNets, AKS clusters, SQL databases, and storage accounts.

Automated configuration management on Azure VMs and on-prem Linux servers using Ansible playbooks for patching, package installation, and service configuration.

Administered Azure resources including App Services, Logic Apps, Key Vaults, Storage Accounts, and SQL Databases.

Collaborated with developers and QA teams to troubleshoot deployment issues and streamline release processes.

Contributed to security and compliance by applying role-based access control (RBAC) and auditing policies.

Automated infrastructure monitoring & cost optimization using Azure Monitor, Log Analytics, and custom scripts (Bash/PowerShell)

Improved release reliability and reduced downtime, ensuring business continuity for day-to-day operations.

Krishna Services, India Jan 2020 – Dec 2020

Role: DevOps Engineer

Project: Contributed to the development of an internal web application hosted on Azure App Services. Assisted in provisioning cloud resources such as Resource Groups, Storage Accounts, and SQL Database, and supported application deployment using Azure DevOps pipelines. Worked on basic automation with Terraform, configured monitoring with Application Insights, and helped integrate authentication via Azure Active Directory

Assisted in configuring and managing Azure resources including Azure Virtual Machines, Azure Blob Storage, Azure SQL Database, and Virtual Networks to support development and test environments.

Supported build and release processes by maintaining Azure Devops for basic CI/CD workflows and integrating with Maven for application builds.

Gained hands-on experience with Terraform to provision and update Azure resources in a repeatable way.

Automated simple deployment tasks and routine maintenance using Bash and PowerShell scripts, reducing manual errors in configuration.

Helped containerize applications using Docker and pushed images to Azure Container Registry for team testing.

Contributed to monitoring setup by working with Azure Monitor and Application Insights, creating basic alerts and dashboards for dev/test workloads.

Collaborated with senior engineers in Agile sprints, using Git for source control and Jira for tracking tasks and sprint progress.

EDUCATION

MS in Information technology, Wilmington University, Delaware (Aug 2023- May 2025)

Bachelor of Engineering, Osmania University, India (Aug 2013 – July 2017)