

R. GOVARDHAN

AZURE DEVOPS ENGINEER

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PROFILE

Azure DevOps Engineer with around **5.3 years** of experience in Build and Release Engineering, CI/CD automation, Infrastructure as Code, and container orchestration. Skilled in **Azure DevOps, Terraform, Docker, Kubernetes (AKS), and PowerShell scripting**. Proven expertise in managing deployment pipelines, implementing version control workflows, and integrating tools such as **SonarQube, Maven, and Ansible**. Experience in Agile methodologies with strong communication and sprint planning skills and also skilled in Automation testing using **selenium** and **cucumber**, with a strong command over **SQL queries** for data analysis and optimization.

WORK EXPERIENCE

Azure DevOps Engineer at AI ML Labs Pvt Ltd from June 2023 – Present

- Developed robust CI/CD pipelines using Azure DevOps, GitHub Actions, and Jenkins to automate deployments across dev, QA, and production environments.
- Automated infrastructure provisioning with Terraform and ARM templates, improving infrastructure consistency and reducing manual errors by 70%.
- Migrated and containerized legacy applications using Docker and deployed them to Azure Kubernetes Service (AKS) with automated scaling policies.
- Implemented centralized logging and monitoring with Azure Monitor, Application Insights, and ELK, improving issue detection and resolution time.
- Configured Azure Application Gateway to ensure secure and load-balanced traffic distribution.
- Created PowerShell and Bash scripts to automate routine operational tasks and infrastructure provisioning.
- Managed version control using Azure Repos and GitHub, enforcing code integrity through branching strategies, pull requests, and review workflows.

Associate Consultant at Capgemini Technology Services Pvt Ltd from July 2022 – Dec 2022

- Managed CI/CD pipelines in Azure DevOps for microservices-based applications.
- Implemented SonarQube for continuous code quality analysis and integrated it into CI/CD pipelines to detect bugs, code smells, and security vulnerabilities.
- Collaborated with development teams to debug and resolve build/deployment issues.
- Used Azure Boards for Agile sprint planning, backlog tracking, and release coordination.

Production Engineer at Konar Engineering Services Pvt Ltd from July 2019 – September 2021

- Automated provisioning of infrastructure using Terraform and Azure CLI for AKS clusters and VM deployments.
- Implemented Docker-based containerization and deployed workloads to Azure Kubernetes Service.
- Built CI/CD pipelines in Azure DevOps for Java and .NET Core applications, streamlining build, test, and release processes.
- Integrated SonarQube for static code analysis and enforced quality gates in deployment pipelines.
- Managed backup strategies for Azure resources, including Blob Storage, VM snapshots, and disaster recovery policies.

SKILLS

Cloud Platforms: Microsoft Azure (VMs, AKS, Azure DevOps, Blob Storage, Key Vault)

CI/CD Tools: Azure DevOps, Jenkins, GitHub Actions

Infrastructure as Code (IaC): Terraform, Azure CLI, ARM Templates

Configuration Management: Ansible

Containerization: Docker

Container Orchestration: Kubernetes (AKS)

Version Control: Git, GitHub, Azure Repos, Bitbucket

Monitoring & Logging: Azure Monitor, Log Analytics, Nagios

Scripting Languages: Shell Scripting, PowerShell

Ticketing & Agile Tools: JIRA, Azure Boards

Automation Testing: Selenium, Cucumber

Database Skills: Complex SQL queries for data analysis and optimization



PROJECTS

Project 1: CI/CD Automation for Complaint Tracking System

Client: Cotton On Group | **Role:** Azure DevOps & Cloud

Engineer Tech Stack:

Azure DevOps, Azure CLI, Azure Repos, Azure VMs, Docker, Kubernetes (AKS), Terraform, Maven, Selenium.

Description:

Automated the CI/CD pipeline and infrastructure provisioning for a complaint tracking portal using Azure services and containerized deployment.

Responsibilities:

- Built CI/CD pipelines using Azure DevOps integrated with Maven for Java application builds.
- Wrote Terraform scripts to provision Azure VMs and AKS clusters.
- Created Docker images and deployed containers to AKS with automated scaling.
- Managed Git workflows including branching, code merges, and version control using Azure Repos.
- Implemented automation testing using Selenium for regression validation as part of the CI/CD pipeline.
- Integrated Jenkins with Azure DevOps for build monitoring and status checks.

Project 2: Infrastructure and Deployment Automation for Healthcare System

Client: Mid counties Co-operative | **Role:** Azure DevOps Engineer

Tech Stack:

Azure DevOps, Azure Repos, Azure Pipelines, Azure Key Vault, SonarQube, Azure VMs, Git, SQL, Cucumber.

Description:

Set up secure, automated infrastructure and deployment workflows for a healthcare web application hosted on Azure.

Responsibilities:

- Managed source control and branching standards using Azure Repos.
- Developed Azure DevOps pipelines for build, test, and release automation across Dev, QA, and Prod environments.
- Integrated SonarQube for static code analysis and enforced quality gates.
- Secured sensitive credentials using Azure Key Vault, integrated with pipelines.
- Automated application deployments to Azure VMs using PowerShell scripts.
- Added automated acceptance tests using Cucumber integrated into CI/CD pipelines.
- Used SQL queries for validating data accuracy and optimizing performance in QA environments.

Project 3: Azure Migration and Backup Automation for Internal Dev Environments

Client: Accent Group Ltd | **Role:** Azure DevOps Engineer

Tech Stack:

Azure DevOps, Azure Blob Storage, Terraform, Azure Backup, Jenkins, S3-equivalent

Description:

Migrated internal dev environments to Azure and implemented automated backup solutions for VM snapshots and storage.

Responsibilities:

- Created and scheduled Jenkins jobs to back up build artifacts to Azure Blob Storage.
- Implemented automated backup strategies for Azure VMs using Azure Backup Vault.
- Automated snapshot-based restoration of managed disks (EBS-equivalent).
- Documented setup procedures and configurations for Azure-based DevOps pipelines.
- Managed deployment cycles across test, staging, and production environments.

EDUCATION

- Bachelor of Technology (BTech), JNTU Anantapur – 2019

DECLARATION

I hereby declare that the above-mentioned information is true to the best of my knowledge.

R.Govardhan