**HARI KIRAN KORADA**

DevOps Engineer

# SUMMARY

Accomplished DevOps Engineer with 5 years of experience specializing in software configuration management, build and release management, continuous integration, and continuous deployment. Demonstrated expertise in automating, configuring, and optimizing Microsoft Azure and AWS solutions. Proficient in programming, implementing automation, and monitoring with a strong foundation in Shell scripting and network management.

# PROFESSIONAL EXPERIENCE:

**Software Developer/DevOps Engineer, Axiom IO** - June 2019–Present

* Spearheaded the integration of Azure DevOps using Azure pipeline, provisioning Azure and AWS resources, and enhancing CI/CD pipelines.
* Led automation projects, including infrastructure as code on Azure, automating AWS and Azure Cloud resources, and managing CI/CD with Azure DevOps and AWS Code Pipeline.
* Significant projects include automation for DevTest labs, integrating Azure pipeline with logic apps, deploying AWS resources via Terraform, and developing web applications with SaaS capabilities.

# SKILL SETS

**Programming Languages** Python, PowerShell

**Tools** Visual Studio, GitHub, Git-Lab

**Cloud** Azure, AWS

**OS** Windows 7/8/10, Windows Server 2008/2012/2016

**IAC Tools** Terraform, Terraform Cloud, Azure ARM,Bicep

**Monitoring Tool** New Relic

**CI/CD** Azure DevOps, Code deploy, Team City, Octopus

**Ticketing tool** Azure Sprints, Fresh teams, Service now

**SonarQube**  Proficient in configuring and utilizing SonarQube for automated code quality management and security analysis. Experienced in integrating SonarQube with CI/CD pipelines to enforce coding standards and identify vulnerabilities early in the development process.

# Project #1 – Duckcreek

**Project Name**: Automation Project

**Role**: DevOps Engineer

# Responsibilities:

* Creating and managing Users and groups and assigning roles.
* Deploying DevTest labs as per customer requirement.
* Creating custom roles and assigning them to users.
* Creating DevTest and VM in DevTest lab using the shared image gallery image, custom image, and formula.
* Applying Artifacts to DevTest lab VMs.
* Applied patches to VM using update management concept (Scheduling and adding single VM)
* Created automation account and log analytics workspace using ARM and troubleshooted network problems.
* I created the bastion with the existing LabVnet and enabled the bastion for the Virtual machine in the DevTest lab.
* Automate the **Azure ADDomainService**.
* Automate the **Azure Lighthouse** so that several customers can handle it.
* Distributing Images from one tenant to another tenant with SharedimageGllery.
* Created logic app, Worktime, and integrated with Azure pipeline.
* Troubleshoot application issues and handle Kubernetes clusters and node pools after deployment, configure applications in Kubernetes
* Authenticate Octopus Deploy with Azure using Service Principals or Managed Identities for seamless deployment

# Project #2

**Project Name:** Skillfully **Role:** DevOps Engineer **Responsibilities:**

* Deploying AWS Resources into Dev, ǪA, PRE-PROD, and PROD via shared services architecture.
* Deployed S3 CloudFront, ApiGateway, AWS RDS, AWS WAF, and ACM using Terraform.
* Deployed AWS resources using Terraform.

# Project #3

**Project Name:** Wipro **Role:** DevOps Engineer **Responsibilities:**

* Deploy a logic app and worktime in Azure using PowerShell.
* Blobstorage moving from one resource group to another resource group.
* Deploy image builder in customer accounts.
* Deploy a VM with extensions using ARM template.
* Worked on **Image factory** concept for distributing images.
* Managed and maintained Active Directory domain for Client user accounts, domain controllers, security groups, and file/share permissions.
* AD Group creation and deletion in Active Directory. Validating the group name before creating.
* Add and delete users to the group.
* Responsible for creating work items and variable groups in Azure DevOps.
* Implemented automated code quality checks using **SonarQube** in Azure YAML pipelines to enforce coding standards and identify vulnerabilities. Configured SonarQube analysis to scan for code smells, bugs, and security vulnerabilities, improving overall code quality by X%. Integrated quality gate checks to prevent deployment of code that does not meet defined standards.

# Project #4: Project Name: ARCL

**Role**: DevOps Engineer

# Responsibilities:

* Involved in developing a web application, which incorporates endpoint-deployed data protection capabilities from the already existing application and adds a scalable, multitenant Cloud-based Software-as-a-Service (SaaS) capability, enabling enterprise administration and control for multiple customer organizations. Services worked on:
* Created a yaml pipeline for storing application packages in the Artifacts section in Azure DevOps.
* Created 6 pipelines(components) to deploy application packages to each stage such as bld, dev,dv2,uat,stg,prd.
* Implement application newfeatures and deploy new features to each stage.
* We are using fresh teams as ticketing tool.

# Personal Details:

**Name** : Hari kiran Korada

**Gender** : Male

**Marital Status** : Unmarried

**Nationality** : Indian