

# Veera Swamy Murathotti

## (DevOps Engineer, AWS & Azure Cloud Engineer)

Mobile: +91-9490864670

Email: [veeraswamy.devops14@gmail.com](mailto:veeraswamy.devops14@gmail.com)

### Profile Summary:

- Highly skilled DevOps and Cloud Engineer with **4 years** of hands-on experience in managing cloud infrastructures, automating deployments, and improving system efficiency across various platforms. Proven expertise in **AWS** and **Azure**, with a strong background in **Infrastructure as Code (IaC), CI/CD pipelines, containerization, and monitoring solutions**. Adept at optimizing cloud resources, enhancing security, and ensuring high availability for production environments.

### Job Responsibility:

- Worked on Infrastructure as a Code (IaC) with **Terraform, Automated AWS Infrastructure Deployment**.
- Worked on **AWS Route53**, Maintained custom Domain records.
- Prepared **Shell Scripts** to Automate our Day to Day Operational Activities.
- Worked on Configuration Management Tool like **Ansible**, Prepared **Ansible Playbooks** for Automation Deployment and Application Installations.
- Worked on **AWS Load Balancers** to Distribute the Traffic using Application and Network Load Balancers.
- Design, implement, and maintain Azure infrastructure including **virtual networks, firewalls, load balancers, and Traffic Manager**.
- Automate repetitive tasks and processes using **PowerShell** and **Azure CLI**.
- Good working experience on **Linux Operating Systems [RHEL], Ubuntu**.
- Establish and manage **CI/CD pipelines** in Azure DevOps to automate the build, test, and deployment processes.
- Implement **role-based access control (RBAC)**, enforce **Azure Policy**, and manage sensitive data securely using tools like **Azure Key Vault**.
- Hands on Experience in automating build process using **JENKINS** and **GitHub-Actions** CI Tool.
- Integration, deployment and administration of Java Application servers - **Tomcat Application** Server across Linux platforms.
- Experience in integrating Code Quality Analysis Tools like **SonarQube**.
- Experience in using **Nexus**, Artifact Repository Managers for Maven builds.
- Virtualized the servers AWS using the **Docker**, created the Docker Files, build the Docker Images, Docker Compose, run the Docker Containers for using different environment.
- I have good knowledge on **Kubernetes** in writing manifest files for **Deployment, Service, Pod, Daemon Sets, Roles(RBAC), Persistent Volume (PV), Persistent Volume Claim (PVC), Storage, Namespaces**.
- Monitored and maintained Kubernetes clusters using **Prometheus** and **Grafana**, setting up custom alerts for early issue detection and resolution.
- Managed **AWS EKS & AKS** clusters to orchestrate containerized applications.
- Designed and maintained infrastructure as code for **ArgoCD Kubernetes** clusters.

- Automated cloud resource provisioning and scaling with **Terraform**, reducing manual effort and improving agility.
- Expertise in Amazon AWS Cloud Administration which includes services like: **EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Cloud Watch, AWS-EKS, Cloud Trail, Security Groups** etc...,
- Lead efforts in **migrating existing DevOps pipelines** to different environments
- Responsible for setting up databases in AWS using **RDS**, storage using **S3 Buckets** and configuring instance backups to S3 bucket.
- Experience with designing and configuring secure **Virtual Private Cloud (VPC)** through private and public networks in AWS by creating various Subnets, Routing Table, Security Groups, NAT Gateways.
- Created custom **Golden Images** for Production, **EC2 Deployments**.
- Worked on AWS Storage Services like **EBS Volumes, S3 Buckets and EFS Storage**.

#### Technical Skills:

<b>Cloud Services</b>	AWS , Azure, (GCP- Knowledge)
<b>SCM &amp; Version Control Tools</b>	Git-Lab, Git-hub, Azure Devops, SVN, Bit-Bucket
<b>Operating Systems</b>	Linux , Windows OS
<b>CICD Tools</b>	Jenkins, GitHub Actions, Git lab, Azure Devops
<b>Network Protocols</b>	SSH, SCP , TCP, UDP, POP, SMTP, HTTP, HTTPS.
<b>Containerization Tools</b>	Docker, Docker compose
<b>IAC Tools</b>	Cloud Formation, Terraform.
<b>Ticketing &amp; Tracking Tools</b>	JIRA, Confluence.
<b>Scripting</b>	Shell Script, YAML, Python Scripting
<b>Build Tools</b>	Maven, MS-Build
<b>Configuration Management Tools</b>	Ansible, Chef.
<b>Monitoring tools</b>	Grafana , Cloud watch ,Data dog, Prometheus.
<b>DevSecOps tools</b>	Sonarqube, Trivy, White source, fortify, check-marks.
<b>Artifact Repository Tools</b>	S3,Nexus Repository
<b>Container Orchestration Tools</b>	Kubernetes, EKS, AKS, ArgoCD, Helm Charts.
<b>Web Server Applications</b>	Apache Tomcat, Nginx, JBoss.

#### Educational Details:

- Completed Btech at JNTU Anantapur University in 2021

#### Work Profile:

- Working as **DevOps Engineer, Intuitive Reason** at Bangalore from Feb2024 to Feb 2025.
- Working as **DevSecOps Engineer, Faarms Global Tech ventures Pvt Ltd** at Bangalore from May 2023 to Jan 2024.
- Working as **DevOps Engineer, Pratham Software Global IT Solutions Pvt Ltd** at Jaipur from Mar 2022 to Apr 2023.

- Working as **DevOps Engineer, Genex Technologies** at Hyderabad from Apr 2021 to Mar 2022

### **Project Name-3: EFAARMS**

**Role:** DevOps Engineer

**Tools:** Git-lab, Maven, Jenkins, Ansible, Docker, Sonarqube, Kubernetes, ArgoCD, Prometheus, Grafana, MySQL, Terraform and AWS, Trivy, Azure devops.

#### **Roles and Responsibilities:**

- Hands-on experience with **Azure DevOps, deployment tools, execution commands, and shell scripting.**
- Familiar in **Amazon S3 - To Create Buckets, Upload Data, Set Permissions.**
- Monitor and troubleshoot **Azure cloud services**, including **Azure Virtual Machines, Kubernetes (AKS), App Services, and Databases.**
- Implement **containerization and orchestration** using **Docker and Kubernetes (AKS).** Created Custom Golden Images for Production EC2 Deployments.
- Familiar in How to Setup Amazon Web Services **EC2 Instance** with Apache.
- Creating a **VPC, Subnets**, and Base **Security Groups, NACL, Route53.**
- Automatically deploy the applications using **Ansible.**
- Launched and configured **Elastic Load Balancer (Classic & Application)** and attached to web servers and extensively used **Auto scaling** to provide high availability and fault tolerance to **EC2** machines and applications.
- Push, Pull and run the base images in the Docker from the **Docker HUB.**
- Troubleshoot and resolve issues related to **CI/CD pipelines, deployments, and production environments.**
- Implementing **ACL's & Special file permissions** for security purpose.
- Write and optimize **Python scripts** for automating deployments, monitoring, and configuration management.
- Implemented VPC Peering and Transit Gateway for AWS Resources Private Connectivity.
- Use **Boto3** to automate IAM role and policy creation, manage security groups, and enforce access controls.
- Implemented on Monitoring Tools like **Cloud Watch, Prometheus, Grafana**, created an Automated Alarm's, Metrics, **Log Groups** and **created Custom Dashboards.**
- Worked on Platform Services like Relational Database Service(RDS) and Elastic Bean Stack(EBS).
- Deploy the applications using **KubeCtl** by writing the **YAML** files.
- Implement an **Auto-scaling** system for our **Kubernetes nodes.**
- Troubleshoot and resolve known issues in the **Production environment**, ensuring minimal disruption to business operations.
- Using **Kubernetes services**, we will expose the services and **routing the traffic** by using **ingress.**
- Using multiple **Kubernetes object**, we can write the YML file and deployed into **AKS** as per the request.

### **Project Name-2: Smiths Medical**

**Role:** Devops Engineer

**Tools:** Git, Jenkins, Ansible, AWS, Docker, Kubernetes, Terraform, Linux, Shell Scripting, Azure DevOps, Azure, Prometheus, MySQL, Nexus.

#### **Roles and Responsibilities:**

- Involved in the process of hosting/deploying the entire application into **Microsoft Azure Cloud**
- Develop and manage **CI/CD** process for different types of application using and automate as many processes as possible using **Azure DevOps.**
- Develop and maintain infrastructure-as-code (IaC) solutions using tools like **Terraform, Azure Resource Manager (ARM) templates**, or other industry-standard IaC tools.
- Expertise on software containerization platforms like **Docker** and **container orchestration** tool like **Kubernetes.**

- Develop and maintain **Python scripts** leveraging **Boto3** for tasks like resource scaling, backups, log analysis, and cost optimization.
- Migrate and transform legacy systems to Azure using the latest **Azure tools** and **cloud migration best practices**.
- Involved in Creating and **Managing Virtual Machines** in windows **Azure** and Setting up communication with help of endpoints.
- Working as a **DevOps Engineer** for multiple development teams, system analysis team to establish **build schedule**, provide a guideline for deployment in higher environments and with **troubleshooting** build system failures.
- Automated Continuous Integration builds, nightly builds and deployments across multiple different environments using **Azure Build Pipelines, PowerShell, MS build** and **Azure Release pipelines**.
- Set up and manage monitoring and logging tools like **Azure Monitor, Log Analytics, and Application Insights**.
- Skilled in defining **Helm chart** values, allowing for flexible and parameterized deployments.
- Good Expertise on **Azure DevOps** reports generation and dashboards creation.
- Worked on **Azure DevOps Build/Release pipelines** definitions design and maintain.
- **Automating**, coordinating and managing the process of moving code from Developers' commits through final production deployment.
- **Debugging** and **troubleshooting** environmental issues in Production and quality assurance environments.

#### **Project Name-1: Push to talk over cellular(POC)**

**Role:** DevOps engineer

**Tools:** GitHub, Nginx, Apache Tomcat, Rhel, Ubuntu, Cron Tab, Shell Scripting, Azure devops, Aws.

- Work within **Agile methodologies**, contributing to sprint planning, continuous integration, and process enhancements.
- Develop, configure, and maintain **CI/CD pipelines** in **Azure DevOps** to automate build, test, and deployment processes.
- Created users, manage **user permissions**, maintain user & File System quota on Red hat Linux.
- Executed **Shell-scripts** to automate routine activities.
- Integrate **Boto3 scripts** into **Jenkins, GitHub Actions, GitLab CI/CD, or AWS CodePipeline** for automated deployments and infrastructure updates.
- Develop and maintain **Python scripts** for automation, monitoring, and cloud resource management.
- Manage and optimize **Azure DevOps repositories**, version control, branching strategies, and code reviews using **Git**. System performance monitoring and tuning and **system log monitoring**.
- Worked with Red Hat Package Manager **RPM, YUM** and other package manager tools like apt-get and wget..
- Responsible for configuring real time backup of web servers.
- **SSH**-Configuring Servers, Key-based authentication configuration.
- **SCP**-Remotely copying files by encrypting data.

#### **Declaration:**

I hereby declare that all the information furnished above is true to the best of my Knowledge and belief.

Signature  
(Veera Swamy M)

