VISWANATH REDDY N
DevOps | AWS
Mobile: +91 8142724121

Email id: nviswanthreddy5998@gmail.com

SUMMARY

A highly self-motivated and ambitious professional having **4+ years** of experience as a **DevOps Engineer** with strong academic background. I look forward to associate with organization where my diversified vehicle skills in Software Configuration Management and Software Development Life Cycle will be greatly challenged to meet the company's objectives.

SKILLS

DevOps	Linux	AWS	Git	GitHub	Maven	Jenkins	SonarQube	Nexus	Tomcat

Docker	Ansible	Kubernetes	Helm	Python	Nginx	Terraform	Shell Scripting	ELK	S3

EC2	VPC	S3	IAM	ALB	ASG	ECR	ECS	EKS	RDS	Route53	CDN	WAF	Cost Explorer

CAREER HIGHLIGHTS

- Having **4+** years of IT Experience in AWS and DevOps.
- Hands on experience with SCM tools like Git/GitHub for user manage permissions Branching, tagging and version management.
- Designed and implemented fully automated self-served CI/CD pipelines for various projects.
- Automated build and deployment process with use of DevOps tools and reduced 80% of manual work.
- Good working knowledge of application build & deployment automation, CI/CD tools and processes, support, and operations.
- Manage risks and resolve issues that affect release scope, schedule and quality.
- Measure and monitor progress to ensure application releases are delivered on time.
- Develop and maintain a fully automated CI/CD pipelines for code deployment using Ansible, Jenkins pipelines, Docker.
- Experience in implementing infrastructure as a code using Terraform.
- Experience in automation using Shell scripting languages.
- Great working knowledge on container technology Docker and Kubernetes and Docker Swarm.
- Designed and deployed Kubernetes cluster(EKS) in AWS using Terraform.
- Performing cluster and rolling upgrades.
- Extensive utilization of Dockerfile for building images in QA/Staging environments.
- Excellent working knowledge on AWS services like EC2, EBS, ELB, SSL, Security Groups, RDS & IAM.
- Automated end-to-end infrastructure deployment on AWS with Terraform.
- Deploying applications to Amazon Elastic Kubernetes Service.
- Managed and improved upon cloud infrastructure services and primitives using Terraform.
- Designed and implemented cost-optimization improvements to pre-existing AWS Cloud infrastructure.
- Proficent in managing change, configuration, release, and risk management.

PROFESSIONAL EXPERIENCE

Designation - DevOps Engineer
Nuvama Wealth Management Limited
FEB- 2023 to Present- Bangalore

Designation - DevOps Engineer
Excellarate Software Solutions Private Limited
DEC - 2021 to OCT-2022 - Hyderabad

Designation - Software Engineer
Wipro IT Corporation
APR - 2019 to DEC-2021 - Hyderabad

PROJECTS

PROJECT#2

Project Name	Excelity ESS Portal
Role	DevOps Engineer
Environment	Git, Maven, Jenkins, Shell Scripting, Tomcat, Linux, AWS, Docker, Kubernetes, Ansible

Roles and Responsibilities:

- Setting up the new build environment for various applications in **Windows/Linux** environment. Managed to organizational standards by maintaining the source code in **Git** for various applications.
- Creating and maintaining the development and stage branches on **Git**.
- Using **Maven** as a build tool, I could automate the process of building artifacts.
- Supported and helped to create dynamic views and **snapshot** views for end users.
- Implementing **Jenkins** continuous integration tool including installing setting the jobs/plans and setting up the tool for deployment.
- Involved in installing **Jenkins** on a **Linux** Machine and creating a **Master** and **Slave** configuration to implement multiple parallel builds through a build.
- Used **AWS** services like **EC2, S3, EBS, ELB** for building infrastructure.
- Participates in the design and implementation phases for new and existing products, with a focus on **AWS** technical knowledge for successful execution of the requirements.
- Help engineering teams implement new technologies in development for future production deployment.
- Actively monitor and administer the applications and hosting environment to increase efficiency, improve reliability, and minimize downtime.
- Measurement, optimization and tuning of system performance and ensuring that systems will run reliably and are highly available in a **24/7** production environment.
- Used **Docker Container** for running different individual services and optimizing the infrastructure cost.
- Managing/Tracking the defects status using **JIRA.**
- Automating the manual process if any, by writing the **Shell Scripts.**
- Involved in deployment of the application using **Tomcat.**
- Primary responsibilities include Build and Deployment of the java applications onto different Environments like **QA, UAT and Production.**
- Production environment support activities which include major release or emergency hot fix deployments, scheduling and coordinating with client regarding Operational Job Cycles or any activities.

PROJECT#1

Project Name	nuvama Application
Role	DevOps Engineer
Environment	Git, Maven, Jenkins, Shell Scripting, Linux, AWS, Docker

Roles and Responsibilities:

- Develop scripts for infrastructure configuration and deployment automation using shell.
- Launching **Amazon EC2 Cloud Instances** using Amazon Web Services (Linux) & configuring launched instances with respect to specific applications.
- Installed application on AWS EC2 instances and also configured the storage on **S3** buckets.
- By using the **Ansible** to configure the EC2 Instances and Automate the Manual process.
- Creating Ansible play-books for auto-provisioning of test environments using Docker and auto deployment of artifacts.
- Implementation of container-based architecture and created **Dockerfile** for base Docker images.
- Managing **Docker** containers for different Environment. (DEV, UAT, STAGE & PROD etc.)
- Implemented Continuous Integration using **Jenkins**.
- Designing and deploying AWS solutions using EC2, S3, Elastic Load Balancer (**ELB**) and Auto-scaling groups.
- Configuring IAM roles for EC2 instances, **IAM** was used to maintain the user credentials and involved in creating custom IAM policies to various groups defined within the organization.

EDUCATION

- **B. Tech** – 2017 with 70%.
- Audisankara College of Engineering & Technology – Gudur.