NAME: - A.V.T.Bhaskar **DevOps with AWS/Azure Engineer**
EMAIL ID: bhaskarteja14529@gmail.com
PHONE: - +91 7702473725

Professional Summary

- Having **3 years** of Experience in **DevOps Engineer with multi-cloud** Operations process and tools area (Continuous Integration, Configurations)
- Experience in the development of build scripts using **Maven**.
- Experience in writing **Build Scripts, Shell Scripting** to automate the **Continuous Integration as Continuous Delivery.**
- Created a fully automated CI/CD environment for multiple projects using GitHub for **SCM, Jenkins and Maven** for building the artifacts, **SonarQube** and **Docker.**
- Hands-on knowledge in the creation of roles, Profiles and users in **IAM**
- Migration of the on premise solutions to Amazon Cloud using **EC2, VPC and S3.**
- Working knowledge on Creation of custom **AMI's**
- Designed high availability environment for Application servers and database servers on EC2 by using **ELB** and **Auto-scaling**.
- Created network architecture on AWS **VPC**, subnets, Internet Gateway, Route Table and NAT Setup and working with **Route 53** setting up weightedrouting Policies.
- Hands on experience with **SCM tools** like **Git** for branching, tagging and version management
- Hands on experience with code coverage tools like **SonarQube**.
- Experience in creating Docker file, create images and run containers.
- Experience in setting up the **Argo CD for declarative GitOps** continuous delivery for Kubernetes clusters.
- Extensive experience in setting up the **Kubernetes** for Docker to handle cluster-based containers.
- Experience in setting up the **EKS clusters** in the AWS cloud.
- Implemented Testing environments for Kubernetes and administrated the **Kubernetes clusters**.

Effectively co-ordinate with various functions development, testing, environment management, help them within the organization throughout the **SDLC.**

- Working experience in taking snapshots of the **EBS** Volumes.
- Working experience in Elastic file system **EFS** in AWS cloud.
- Experience in **Azure cloud Infrastructure** (**Virtual machines, Resource Groups, Storage accounts, Virtual networks, Virtual Disks and WebApps**)

Professional Certifications

- **AWS Certified Solutions architect associate.** (SAA-03)
- **Microsoft Certified Azure Administrator Associate** (AZ-104)
- **Microsoft Certified Azure fundamentals** (AZ-900)
- **HashiCorp Certified Terraform associate** (002).

Technical Skills

- **Version Control Systems** : GIT, GITHUB.
- **Operating System** **:** Linux and Windows
- **Build tools** : Maven.
- **CI Server** : Jenkins, Azure DevOps.
- **Scripting Languages** : Shell Scripting, Python
- **Cloud Technologies** : AWS and Azure.
- **Virtualization Tools** **:** Docker, Kubernetes.
- **Vulnerability** **:** SonarQube.
- **Configuration Management Tools** : Ansible.
- **Infrastructure as a Code** : Terraform.

Education Details

- Graduate from BVC College of Engineering, Rajahmundry (Affiliated to JNTU, Kakinada) with an aggregate of **8.5 CGPA**.

Professional Experience

- Currently working as a Senior Analyst: DevOps Engineer in Capgemini India Pvt.Ltd from April -2021 To Till date.

Project Details

PROJECT:-

Company Name	Capgemini india pvt ltd.
Client	TEC
Role	DevOps with AWS Engineer
Duration	May-2021 to till date.

Roles &Responsibilities:

- Coordinate with the Development, Database Administration, QA, and IT Operations teams to ensure there are no resource conflicts.
- Worked closely with Project Managers to understand a code/configuration release scope and how to confirm a release was successful.
- Build, manage, and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment.
- Analyzed and resolved conflicts related to merging of source code for GIT
- Experience with building containerized applications using Docker images.
- Management and design of integrated build pipelines using continuous integration workflows such as Git, Jenkins, Sonaqube, Nexus and Docker.
- Troubleshooting Build failures and Release failures in multiple environments
- Proactively seeks opportunities to implement improvements to internal development processes.
- Automating all manual tasks of deployment, monitoring, log rotation, and collection.
- Set up and maintain the monitoring infrastructure, analyze system bottlenecks, issues/bugs and solve them in Real-time to maintain the quality of the product.
- Created load balancers (ELB) and used Route53 with failover and latency options for high availability and fault tolerance
- Attending Scrum Meetings with Dev& QA
- Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and release management using SonarQube
- Implemented Continuous Integration using Jenkins and GIT.
- Configured Git to inform all the teams about the latest changes happening on it to avoid conflicts due to the push before pull issue.
- Creating new repositories and branches in existing repositories as per the requirement of the dev team.
- Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and release management using SonarQube.
- Support the build and deployment infrastructure used by our development teams
- Respond to high severity production issues escalated by our operations teams.
- Support developers by deploying application into Develop, test and production servers.
- Automated various tasks using Shell scripts.
- Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
- Proficient in writing yaml files for deployment of containers into Kubernetes cluster.
- Scaling of Kubernetes cluster and Updating the Kubernetes Cluster based on the Requirements.

- Configuring the Kubernetes nodes to Autoscaling with maximum and minimum number of nodes.
- Integrated Kubernetes with CI/CD tools like Jenkins for Continuous Deployment.
- Created and configured ArgoCD declarative GitOps for Kubernetes Clusters.
- Automated Horizontal and Vertical Scaling of Pods based on the CPU and Memory Utilization by installing Metrics-Server.
- Automated the Cloud infrastructure using terraform IAC.