

AWS DevOps Engineer

JAVERIYA

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Professional Summary:

- Having 2.5 years of experience as an AWS DevOps Engineer.
- Setup /Managing Linux and windows servers on Amazon Cloud (**EC2, VPC, ELB, IAM, S3, AMI, Security Groups, Cloud Watch, Autoscaling**)
- Expertise in DevOps, Configuration Management, Cloud Infrastructure, Automation it includes **Amazon Web Service (AWS), Jenkins, Git, Docker, Kubernetes, Ansible** etc.
- Experience on writing **Terraform** scripts to automate provisioning of AWS resources.
- Setting up databases in AWS using RDS, storage using S3 buckets and configuring instance backup to S3 bucket.
- Creating **Snapshots** and **Amazon machine images (AMIs)** of the instances for backup and creating **clone instances**.
- Hands on experience in Continuous Integration Tools such as **Jenkins**
- Experience in Containerization tool like **Docker**.
- Experience on orchestration tool **Kubernetes** to provide a platform for automating deployment, scaling and operations of application containers across clusters of hosts.
- Experience in **branching, tagging** and **maintaining** the version across the environments working on Source code Management (**SCM**) tools like **Subversion (SVN) and GIT**.
- Utilized **Cloud Watch** to monitor resources such as **EC2, Amazon RDS services, EBS** volumes, to set alarms for notification or automated actions and to monitor logs for a better understanding and operation of the system.
- Good Experience in **Server Configurations** and **Installations** and **Modifications**.
- Automating common tasks and infrastructure management using the AWS SDK for **Python (Boto3)**, Such as creating and managing resources, monitoring and alerting, and automating deployments.
- Using **python** to develop scripts or applications that interact with other AWS services, such as Amazon Recognition for image analysis or Amazon SQS for message processing.
- Working on **Ansible Playbooks** to bring the required infrastructure changes.

Educational Details:

B. Tech Vardhaman College Of Engineering, Hyderabad 2021.

Professional Experience:

Working as **AWS DevOps Engineer in Capgemini** from March-2022 to till date.

Technical Skills:

Operating System	Linux, Windows, Unix, CentOS, Ubuntu.
Cloud Services (AWS)	EC2, EBS, ELB, EKS, VPC, Subnets, Route tables, IAM, S3, SNS, CloudWatch, Route53, Lambda, Boto3.
DevOps Tools	Git, Maven, Nexus, Jenkins, Docker, Ansible, Kubernetes.
Code Quality tool	SonarQube
Webservers	Apache, Nginx, Tomcat
Scripting Languages	Shell Scripting, Groovy, Power shell & Python
Ticketing Tool	Jira
Monitoring Tools	Cloud Watch, Grafana, Nagios
Infrastructure Management	Ansible, Terraform
Containerization Tool	Docker, Kubernetes.

PROJECT SUMMARY: PROJECT -01

Project Name: Sprint March

2022 to August 2022 Role:

AWS & DevOps Engineer.

Sprint: Sprint Corporation, doing business as T-Mobile, **offers a comprehensive range of wireless and wireline communications products and services to consumers, businesses, government subscribers, and resellers.** The Company provides internet, voice, data, phones, and devices. T-Mobile serves customers in the United States.

Roles and Responsibilities:

- Maintain Git Repositories, Handling Releases and Branching activities for **GIT**.
- Handle multiple builds from Development team, create build jobs in Jenkins and perform.
- Automate the build Process Using Jenkins jobs.
- Monitoring daily builds using continuous integration tool Jenkins.
- Created AWS S3 buckets, performed folder management in each bucket, managed cloud trail logs and objects within each bucket.
- Experience in **setting up CI/CD** pipeline integrating various tools with Jenkins to build and run **Terraform** jobs to create infrastructure in AWS.
- Responsible for s3 buckets creation, policies and IAM role-based policies.
- Having good knowledge on **Kubernetes & Docker**.
- Responsible for creating monitors, alarms, and notifications for EC2 hosts using cloud watch.
- Monitoring the performance of EC2 instances via **Cloud watch**.
- **S3** – Working with S3 to create the buckets to store objects.

PROJECT SUMMARY: PROJECT -02

Project Name: OTIS

August 2022 to STILL

Role: AWS & DevOps Engineer.

OTIS: Otis Worldwide Corp (Otis) is **a manufacturer of people moving products**. It offers elevators, escalators, and moving walkways. The company designs, manufactures, and installs a wide range of passenger and freight elevators for low, medium, and high-speed applications.

Roles and Responsibilities:

- Configure and install all the DevOps tools which supports end to end flow for Java applications.
- Create and configure new jobs for each and every application in Jenkins.
- Administration of Continuous Integration tool - Jenkins.
- Helping the dev team to resolve build, release and environment issues.
- Providing exposure of branching strategies to dev team.
- Orchestration of Tools cluster and related issues.
- Configure and Install Jenkins in Linux and Windows servers for CI/CD.
- Setup of Jenkins, SonarQube, Nexus, Maven for CI/CD pipeline
- CICD implementation for JAVA applications in different platform.
- Automate the various application tasks with Docker and Ansible to fast track the applications from development to Production by creating continuous delivery workflow.

Declaration:

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

Place: Hyderabad

(Prerana J)