**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 |
| InfrastructureManagement | 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)