**TejaXXXXXXXXXXXXXXXi**

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**Professional profile:**

AWS DevOps Engineer with 7+ year’s experience in optimizing CI/CD pipelines using Jenkins, automating AWS infrastructure with Terraform and Ansible, containerization with Docker and Kubernetes, and monitoring with Cloud Watch, Prometheus and Grafana. Focused on building highly reliable and scalable systems.

**Specialties:**

* Having 7+ years of experience in **DevOps Engineer and automation expertise to engineer** and deliver best-fit products catering to client requirements and to main sustainable environments in the cloud computing space.
* Designed and maintained highly available AWS infrastructure, optimizing costs through auto-scaling, resource optimization.
* Experience in configuring AWS services like VPC, EC2, Auto scaling, AMI, EBS, ELB, IAM, Cloud Watch, RDS, and S3.
* Experience in configuring highly available, secure, and robust VPC in AWS. Configured security groups, Network Access Control Lit, and Routing Tables.
* Built and managed CI/CD pipelines using Jenkins, ArgoCD, Maven, SonarQube, and Trivy cutting deployment time by 30%.
* Automated infrastructure setup using Terraform and Ansible, improving efficiency and reducing manual tasks.
* Simplified container orchestration using Docker and Kubernetes for scalable microservices.
* Creating a docker network and connecting docker containers to that particular network interface, creating the docker volumes and attaching containers to those Volumes, and backing up the Logs.
* Used deployment strategies such as Blue-Green, Canary, and Rolling Updates to ensure zero-downtime deployments.
* Using volumes to provide persistence storage to containers. Worked on scaling our apps using metrics.
* Implemented monitoring, logging, and alerting solutions using CloudWatch, Prometheus, Grafana, and Nagios to ensure system health, optimize performance, and drive continuous improvement.
* Developed automated scripts in Bash and Python for tasks like log rotation, backup management, and system monitoring.
* Designed and deployed **AWS infrastructure as code** using AWS CDK (Python), automating provisioning of VPCs, ECS/EKS clusters, Lambda, API Gateway, S3, DynamoDB, and RDS.
* Built **reusable CDK constructs** and integrated with CI/CD pipelines GitHub Actions for repeatable, multi-environment deployments.
* Migrated legacy CloudFormation templates to AWS CDK, reducing deployment complexity and improving maintainability.
* Collaborated closely with developers and analysts to meet project requirements, effectively managing time and priorities.
* Provided 24/7 support for production systems, reducing critical incidents through proactive monitoring and troubleshooting.
* Skilled in troubleshooting issues during builds, deployments, and production support.

**Technical Summary:**

* Cloud Platforms : AWS (EC2, S3, RDS, S3, VPC, CloudWatch, EKS, Route53)
* CI/CD Tools : Jenkins, Git, Maven, ArgoCD.
* Config Management & Auto : Ansible, Terraform
* Containerization & Orchestration : Docker, Kubernetes
* Monitoring & Logging : Prometheus, Grafana, AWS CloudWatch
* Version Control : Git, GitHub
* Scripting Languages : Bash/ Shell, Python
* Operating Systems : RHEL, Ubuntu, Centos, Linux
* Docker Image Repository : Nexus, Docker Hub
* Application/Web Servers : Apache Tomcat, NGNIX

**Professional Experience:**

* Worked for **Virtusa** as a senior consultant from May 2022 to Aug 2023
* Worked for **Tech Mahindra** as DevOps Engineer from July 2019 to Sep 2021
* Worked for **24 7 Intouch (Knoah Solutions)** as System Engineer from Nov 2014 to April 2019.

**Project#4:** **New York Life Insurance (NYL)**

* Role : Sr. Consultant
* Client : NYL (New York Life Insurance)
* Environment : AWS Cloud, Jenkins, Ubuntu, Docker, Kubernetes, Ansible, Git, Terraform
* Duration : May 2022 to Aug 2023

**Responsibilities:**

* Understanding the functional requirements.
* Working closely with business marketers to resolve the issues regarding the upcoming launches.
* After Request submission doing analysis before implementation and submitting Test Reports.
* Monitoring App dynamic alerts and taking action accordingly.
* Responsible for rectifying the bugs in the Production and Staging environment and make sure that the application is accessible by the end customers.
* Ensuring requests are resolved within the agreed SLA timeline.
* Communicating requirements with business and technical teams to ensure product feature objectives are met.
* Involved in team meetings with clients and resolved business requirements.
* Preparing documents for requirements from business and preparing Unit Test Documents as per the requirement.

**Project#3**: **Flexydial**

* Role : DevOps engineer
* Client : IDFC, HSL (HDFC Securities Limited)
* Environment : AWS Cloud, Jenkins, Ubuntu, Docker, Kubernetes, Ansible, Git, Terraform
* Duration : July 2019 to Sep 2021

**Responsibilities:**

* Implemented AWS solutions using VPC, EC2, S3, RDS, IAM, Elastic Load Balancer, Auto-scaling, Security groups and cloud watch.
* Creating various alarms in AWS to have continuous monitoring of resources and billing in AWS.
* Designed high availability environment for Application servers and database servers on EC2 by using ELB and Auto-scaling.
* Installing, configuring and administering Jenkins CICD tool. Creating CI/CD pipelines by integrating Git, GitHub, Jenkins, and Ansible.
* Managed servers on the AWS platform instances using Terraform.
* Document processes and configurations for knowledge sharing.
* Work closely with development teams to understand release requirements and timelines.
* Managed servers on the AWS platform instances using Terraform.
* Using docker, I have written the customized Dockerfile for my application and building the docker images and storing it in Docker Hub registry then running the containers from that docker image whenever requirements needed.
* Deployment automated through Jenkins Job with corresponding environment.
* Deploying and Automated deployment of artifacts to various environments like DEV, QA, UAT.
* UAT/STAGING through freestyle and pipeline script.

**Project#2**: **Verizon**

* Role : Cloud engineer
* Client : Verizon
* Environment : AWS Cloud, Jenkins, Ubuntu, Docker, Kubernetes, Ansible, Git, Terraform
* Duration : May 2017 to April 2019

**Responsibilities:**

* Designed and managed AWS cloud infrastructure, including EC2, RDS, EKS, S3, and VPC, ensuring high availability and uptime for production systems.
* Designed & implemented scalable CI/CD pipelines for automated code deployments using Jenkins, Git, Maven and ArgoCD reducing deployment time by 30%.
* Automated infrastructure setup using Terraform and Ansible, improving efficiency and reducing manual tasks.
* Optimized Docker images using multi-stage Dockerfiles, reducing image size by 60% and improving container startup time.
* Deployed & orchestrated containerized applications using Docker and Kubernetes enabling 90% faster microservice rollouts and minimizing recovery time during incidents.
* Monitored & optimized cloud infrastructure on AWS implementing cost-saving strategies and enhancing performance.

**Project#1:** Infra Support

* Role : System Engineer
* Environment : RHEL, Ubuntu, Centos
* Duration : Nov 2014 to April 2017

**Responsibilities:**

* Provide L1 and L2 +Remote Administration Support for problems raised on Linux servers.
* Remote administration through Putty, SSH.
* Created and maintained user accounts in Red Hat Enterprise Linux (RHEL) and other operating Systems.
* Experience in file system and disk management.
* Creating and managing user accounts, groups, and access levels using SUDO
* Scheduling/Controlling jobs using Cron.
* Performance monitoring using, Top, and net stat and analyzing these reports to figure out any performance issues.
* Configuring the LVMs and adding the additional disk space as and when required.
* Having good command on ITIL process incident, change management.
* Good experience in AWS with provisioning and resource management and setting up Enterprise infrastructure on Amazon Web Services (AWS).
* Experience in configuring AWS services like VPC, EC2, Auto scaling, AMI, EBS, ELB, IAM, Cloud Watch, RDS, and S3.
* Experience in configuring highly available, secure, and robust VPC in AWS. Configured security groups, Network Access Control Lit, and Routing Tables.

**Certifications:**

* AWS Certified Solutions Architect - Associate certification
* HashiCorp Certified: Terraform Associate

**Declaration**: I hereby declare that all the data and information provided above are true and correct to the best of my knowledge and I hold responsible myself for any irregularities if found.