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**Professional Synopsis**

A dynamic DevOps/AWS Engineer having overall 4 years of experience Information Technology industry, looking for a platform where I can implement my skills which I have learned with my past experience and can get a chance to gain new skills which will help me to grow in future professionally and personally.

**Experience Summary**

* Having overall 4 years of experience Information Technology industry in various roles with excellent experience in **Devops Engineer with AWS Cloud Computing/Development** **and Implementation** of Java based web Applications.
* Having experience as a **DevOps and AWS Engineer** which includes environment setup, continuous integration, and continuous deployment.
* Proficient in build deployment, build scripts and automated solutions using shell scripting.
* Good Hands on experience on Docker Swarm, Ansible Tower and Apache Mesos.
* Backup and Restoring the RDS Snapshots, EBS Snapshots and Jenkins Jobs to S3 Bucket by using the Lambda Functions.
* Implementing and setting up Route 53 for AWS Web Instances, ELB & Cloud Front on AWS Environment.
* Setup, attaching and detaching EBS volumes. Setup, managed backup and recovery using Snapshot and Extensive Knowledge on creating AMI Workspaces.
* Expertise in AWS services like EC2, ELB, ECS, ECR, Auto Scaling, RDS, IAM, S3, VPC, EBS, Route53 and Cloud Watch etc.
* Implemented the Highly scalable infrastructure using ELB and Auto Scaling services. Creating Public and private Subnets, Routing tables and Internet Gateway by using VPC.
* Managing M/Monit and Cloud watch for monitor critical system health, performance, security, disk usage etc.
* Designed and implemented continuous Integration and Continuous deployment pipeline using Jenkins, Node, GitHub, Ansible and Docker and Apache Mesos.
* Worked on Web servers and Application servers like Apache, and Tomcat to deploy code.
* Environment management with Ansible tool for multiple development areas.
* Configuration management - Good experience in Ansible and automation in multi-tier applications.
* Hands on experience in development of utilities using Shell, JSON, Python Boto 3 and YAML scripting to automate processes.
* Hands on Experience with code repositories like GIT, GitHub.
* Working experience with build tools like Maven.
* Extensively used Jenkins for implementing CI & CD.
* Working on developing and enhancing build scripts and tools to improve the efficiency of the developments and its build process.
* Maintaining Continuous Integration, Continuous Delivery and Continuous Deployment in multiple environments like DEV, QA, UAT and PROD.

**Education Qualification**

* Post Graduation in 2014 from Yogi Vemana University, Kadapa, Andhra Pradesh, INDIA.

**Professional Experience**

* Currently Working with DXC Technologies as a DevOps & AWS Engineer from Nov-2016 to Till Date.

**Technical Expertise**

* **Orchestration Tools**  : Docker Swarm, Kubernetes
* **Cloud** : Amazon Web Services
* **Automation tools**  : Ansible, Jenkins
* **Build tools**  : Maven, NPM
* **Version Control** : GIT, GITHUB
* **Virtualization & Containerization**  : Docker
* **Scripting Languages** : Shell scripting, YAML
* **Web and Application Server** : Apache, Nginx & Tomcat
* **Database**  : MySQL
* **Ticketing/Monitoring Tools** : Cloudwatch, M/Monit, GitHub Scrum Board
* **operating system :** Linux
* **Client Utilities :** Winscp, Putty, Firezilla

**Project Details**

**Project:** **#1**

# Title : Enterprise Monitoring Client : HPE

# Role: DevOps Engineer

**Environment**: CI&CD , GIT, Maven, Docker, Jenkins, Ansible, Nginx, Apache, Monit, DC/OS

**Responsibilities**:

* Creating and managing the Development, QA, Pre-Prod and Production Environment.
* Working on developing and enhancing build scripts and tools to improve the efficiency of the development and its build process.
* Take caring the GitHub administration which includes: Branch creation, Providing user permissions, Repo and Org creation etc.
* Automating the regular day-to-day tasks performed by the client or other teams, with the help of scripts, thus enhancing client value creation.
* Maintained and configured Web server: Apache and Application servers (Tomcat).
* Setup the Load balancing and Reverse proxy setup for all microservices with Nginx or Apache.
* Certificate creation for the applications with OpenSSL and inserting them into the required servers.
* Responsible to create CI/CD setup for new microservices with GitHub, Jenkins, Ansible and Docker with Apache Mesos etc.
* Debugging build failures, coordinating with developers and testers to resolve related issues.

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

# Client: DXC-Internal Title: Ed-ems-service

# Role: AWS/DevOps Engineer

**Responsibilities:**

* Creating the Static content deployments with CloudFront, S3, IAM and Certificate Manager.
* Managed Amazon Web Services for the project including configuration and deployment of all required infrastructure, administrative tasks, and budgeting.
* Integrated GitHub web hooks into Jenkins to automate the code check-out process.
* Integrated couple of tools with DevOps CI/CD approach and debugging the things if any issue arises.
* Automated the Servers stopping and starting using Lamda Service with Boto3.
* Creating production ready images for the Stage, Pre-Prod and Prod environments by using Packer and Automating the Server and AWS service creation with Terraform.
* Automating the regular day-to-day tasks performed by the client or other teams, with the help of scripts, thus enhancing client value creation.
* Manage production deployment and release across fleet and Provided 24x7 on call support.
* Maintaining highly reliable 24x7x365 Linux production servers for internal, global and AWS EC2 instance.

**Declaration**

I hereby declare that the above-mentioned information is correct up to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned.

**Date:**

**Place:** Bangalore **M Madhu**