Mahesh Midde
Cloud Infrastructure Engineer
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Summary of professional experience:

Overall **4+ years** of IT experience with 4 years in **Cloud Infrastructure Engineer, Build/Release Management**, and Cloud Management (**AWS**) in all phases of SDLC like Analysis, Design, Development, Deploying, Testing and Maintenance of various web-based applications having Around 4 years of experience in **following tools.**

Cloud	: Amazon Web services
Application Servers	: Apache Tomcat
Version Control System	: Git, GitHub
Build Tools	: Maven
Configuration Management	: Ansible
CI/CD	: Jenkins
Containerization	: Docker
Platforms	: Linux (Centos 6/7, Ubuntu, Amazon Linux), Windows 07/08/10
Monitoring	: Cloud Watch

PROFESSIONAL EXPERIENCE:

- Working as a cloud Infrastructure Engineer for IBM, Bangalore from April 2018 to till date.

PROFESSIONAL SUMMARY:

✓ Having 4+ years of experience as Cloud Infrastructure Engineer.

✓ Building and releasing the source code to various environments in AWS cloud.

✓ Proficient in AWS services like VPC, EC2, S3, ELB, Autoscaling Groups (ASG), EBS, RDS, IAM, CloudFormation, Route53, CloudWatch.

✓ Expertise in setup and configure Tomcat, Deployment of web applications in Tomcat.

✓ Expertise in designing and deploying applications using AWS services.

✓ Building and releasing the source code to various environments in AWS cloud.

✓ Managing servers and deploying code into environments across DEV/QA/PRE-PROD/PROD.

✓ Expertise in using Ansible, Docker, Git, Jenkins and AWS services which reduces the effort of developer's operation team in performing maintenance and daily operations.

- ✓ Expertise in setting up and maintaining CI & CD pipeline using tools like Jenkins, GitHub.
- ✓ Good experience in Source Code Management, Branch creation & repositories management using GIT and SVN
- ✓ Expertise in creating Jenkins CI pipelines & automated most of the build related tasks
- ✓ Extensively worked on Jenkins for Continues Integration and for End to End Automation for all build and deployments
- ✓ Experienced with integrating Containerization Tools Docker with Jenkins to containerizing the applications
- ✓ Expertise in writing playbooks, roles and Ansible installation, setting up Ansible server and Clients.
- ✓ Hands-on Experience in Configuring Docker Containers and Docker images for different environments
- ✓ Perform daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups.
- ✓ Experienced in Log Monitoring tools like Elastic Stalk

WORK EXPERIENCE:

Project#1

Project Name : AWS Cloud Operations.
Technology : Linux, Ansible, Jenkins, AWS.
Client : Sears Ecommerce.
Role : Cloud Infrastructure Engineer.

Responsibilities:

- ✓ Setup and maintain cloud-based infrastructure (AWS).
- ✓ Creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
- ✓ Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
- ✓ Used IAM for creating roles, users, groups and implemented MFA to provide additional security to AWS account and its resources.
- ✓ Troubleshoot day-to-day issues based on the ticket and close the tickets within SLA.

- ✓ Create new Linux servers using AWS and setup storage, load balancing using EBS, S3 and ELB services.
- ✓ Created System Manager documents for automating IT tasks and remediations for AWS config rules.
- ✓ Create AMI's for the EC2 instances and use them to scale up and scale down multiple servers on a need basis.
- ✓ Attending Scrum Meetings with Dev& QA Teams.
- ✓ Managing Backups of EBS Volumes.
- ✓ Working with application and operations teams to ensure successful deployment and operation of their application.
- ✓ Version control and source code management using the **Git Hub.**
- ✓ Installing Plugins in **Jenkins** as per project requirements.

EDUCATIONAL QUALIFICATIONS:

- ✓ **B.SC ANDHRA UNIVERSITY**

PLACE: Bangalore   **(Mahesh Midde)**