

DevOps and AWS Engineer

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PROFESSIONAL SUMMARY:

Having 2+ yrs. experience in the IT Industry as a **DevOps** and **AWS** Engineer. Possessing excellent programming skills summed up with strong knowledge in **Linux, Shell Scripting, DevOps, Jenkins, Maven, Git, Ansible, Docker, Kubernetes, Apache, Tomcat, Amazon Web Service s (AWS)**.

Skill Summary (DevOps & AWS):

Experience on working with **GIT** and **Git Hub** - Created Repositories, branches and providing access permissions to the developers over branches.

- Extensively worked on Jenkins for **CICD** and for End to End automation for all build and deployments using pipeline scripts and freestyle jobs.
- Monitoring daily builds and Verifying logs if build fails in Jenkins. Creating WAR Files Using the build tool **Maven**.
- Implementing a Continuous delivery framework using **Jenkins, Ansible, & Maven** in **Linux environment**.
- Deploying and Automated deployment of artifacts to various environments like DEV, QA, and UAT/STAGING through freestyle and pipeline script.
- Verify Deployment logs to check for successful deployments.
- Expertise in building automated CICD pipeline with the help of **Jenkins**.
- Good experience in Managing and backup the generated artifacts into **Nexus** Artifactory.
- Configured **Jenkins** nodes to build jobs & distributing the load of Jenkins server and achieved parallel builds using master-slave configuration.
- Good knowledge in writing **Ansible** and deploying applications and provisioning Cloud services.
- Good Experience in containerization tool **Docker** and configuring the customized **Docker** Containers and creating **Docker** files for different environments.
- Good Experience in container orchestration tool **Kubernetes**.
- Good experience in **AWS** with provisioning & resource management and setting up Enterprise infrastructure on Amazon Web Services (AWS).
- Experience in configure AWS services like **VPC, EC2, Auto scaling, IAM, AMI, EBS, ELB, Cloud watch, RDS and S3**.
- Experience of configuring auto-scaling, Load Balancers to handle the load on servers.
- **Cloud Watch** for monitoring server metrics, creating alarms, SNS & integrating with **auto scaling** in AWS.
- Experience in Monitoring teams to identify and troubleshoot issues on servers using tools like **Nagios**.

PROFESSIONAL EXPERIENCE:

- Currently working as a DevOps Engineer in Mphasis from July **2019** to till date.
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EDUCATION:

- MBA from JNTU-Anantapur.

TECHNICAL SKILLS:

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|------------------------------------|----------------------------------|
| • Application Server | : Tomcat |
| • Build Tools | : Maven. |
| • (SCM) Tool | : Git, Git Lab. |
| • Continuous Integration (CI) Tool | : Jenkins. |
| • Operating Systems | : Linux, Ubuntu, Windows. |
| • Scripting Languages | : Shell Script. |
| • Web Server | : Nginx, Apache. |
| • Configuration Management Tool | : Ansible |
| • Cloud services | : AWS |
| • Monitoring Tools | : Cloudwatch |
| • Command Line Editors | : VI, Nano |
| • Container Tools | : Docker , Kubernetes |

PROJECT DETAILS:

Project#1:

Project : **Intranet collaboration systems**
Role : **Build & Release Engineer**
Environments : **Linux, GitHub, Maven, Jenkins, Docker, Kubernetes and AWS**
Duration : **July 2019 to Till Date.**

Description:

AS is the world leader in workforce solutions. AS provides flexible staffing and career resources to corporate clients and qualified associates. The main goal of this application is to provide a job portal solution for Adecco. This portal provides a wide range of services for job seekers, employers and AS internal employees. Job seekers can register with Adecco to search and apply for jobs. For every Jobseeker, there is a portfolio section where he can check his application status. Both Jobseeker's search and employers search are based on the skill set, category and geographic preferences. Adecco internal employees can search for any internal openings, apply for them and can fill the timesheets. Internal employees can also refer and download the Adecco internal documents like review documents, policies etc.

Roles & Responsibilities:

- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux) and Configuring launched instances with respect to specific applications.
- Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB, Security Groups, RDS and IAM).
- Branching, Tagging, Release Activities on Version Control Tools: Git Hub.
- Installing and configuring Jenkins on a Linux machine and created a Master and Slave configuration to implement multiple parallel builds through a build form. Configured plugins in Jenkins to interact with the other tools and scripts.
- Manage Build and Release requests using Jenkins and managing plugins.
- Build Java Code in different Jenkins servers as per the schedule.
- Configured and maintained Nexus remote repository for deploying the artifacts and war files.
- Implemented Docker to set up local Development environment

- Setting up the Docker private registry
- Created Docker files and build images and push to the Docker private registry
- Set up the local development environments through Docker containers for new developers

I declare that the information given above is true to the best of my knowledge

Place: Bangalore

Hemavathi.