Masthan Vali Sk  
DevOps Engineer

Summary

* Having 3.9 years of experience in Software Industry as AWS and DevOps Engineer and several phases of the Software Development Life Cycle
* Experienced skills in Build & Release Engineering that includes DevOps, Build Automation& Management, Software configuration management release management, Continuous integration and Continuous Delivery (CI/CD).
* Experience on AWS cloud services EC2, VPC (Creating Subnets, Public and Private Networks), S3, IAM, AMI, RDS, Auto Scaling and ELB for managing the multi-tier environments etc.
* Experience in creating various metrics alarms and notifications for Monitoring servers using AWS Cloud Watch
* Experience on SCM tools like Git, GitHub for branching, tagging and version management
* Experience in Kubernetes and Docker container based on environment, creating customized images and Writing Dockerfiles and push it to the Docker Registry
* Created and maintained Jenkins jobs that execute with Pipeline
* Deploying configuring, managing, maintaining, Master and Slave machines using Jenkins
* Configured CI/CD tools Jenkins and Git Hub repository continuous smooth build for the process & and store them Artifactory
* Implemented a CI/CD pipeline involving Git, Jenkins, Docker for Creating infrastructure and maintain the Docker container using Dockerfile (like Slave)

Education

Bachelor of Technology from NIMRA college of Engineering and Technology, Vijayawada, Andhra Pradesh during 2014-2018.

Professional Experience:

* Working as a DevOps Engineer at HINDUJA TECH from April 2022 to till date
* Worked as a DevOps Engineer at UV Infratech Systems Pvt. Ltd. from August 2018 to March 2022

Technical Skills

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| --- | --- |
| **Cloud Environment :**  **AWS services :**    **Containerization Tools :**  **Continuous Integration Tool :**  **Build Tool :**  **Version control tool :**  **Operating Systems :** | Amazon Web Services  EC2, ELB, VPC, RDS, AMI, IAM, S3, EBS, Auto scaling  Docker, Kubernetes  Jenkins  Maven  GIT, GitHub  Windows,Linux |

**Objective:** To supportingteams regarding CI/Build tools, Environments and Automation.

**Duration:** 4 Months

**Team size:** 6 Engineers

**Objective:** To keep maintaining Continuous Integration and continuous delivery

**Highlights:** Automated entire infrastructure using Jenkins**,** docker, maven, Git

**Duration:** 24 Months

**Team size:** 8 Engineers

Projects Experience

**Project:** **FCA**

**Key Responsibilities:**

* Follows the Agile development model 2 sprints on a month.
* Worked with Git, Github branching and version management
* Support the engineering teams regarding CI/Build tools, Environments and Automation.
* Utilized Github API (application program interface) to List all the Pull Requests Merge frequency
* Based on the change requirement perform the change and check the test cases in local and Move the changes to PR.
* Change the functionality suggested by PR team
* For every review update the changes and logs in Codebeamer under respective story in the branch

**Project:** **Tauba**

**Key Responsibilities:**

* Working with version control systems such GIT including branching and merging strategies.
* Troubleshooting the daily Subversion problems.
* Create artifacts using build tool Maven
* Configuring builds via build process using Maven, Jenkins.
* Configure continuous integration pipeline using DevOps strategies and DevOps tools.
* Configuring software to Linux machines.
* Automated software deployment using Ansible and provisioned Linux hosts.
* Supporting automotive builds to both windows and Linux machines.
* Setting up new projects/releases in Jenkins.
* Make sure software teams are delivering their products by following safe-agile methodologies.
* Monitor and manage Continuous Integration/Continuous Deployment, nightly and release builds using Maven, Jenkins.

**Project: TESCO**

**KEY RESPONSIBILITIES:**

* Support the engineering teams regarding CI/Build tools, Environments and Automation.
* Help Development teams automate the environment setup using tools like Ansible.
* Troubleshoot and resolve issues related to application deployment and operations
* Involved in Branching, Tagging of code delivery at required releases
* Deploying the artifacts in environments like DEV, QA, and UAT with Ansible and Jenkins.
* Responsibilities include developing complex build, test, provision, secure and deployment systems and providing support to a large community of developers and testers Develop scalable build, test and deployment systems in virtualized environments.
* Managed servers on the Amazon Web Services (AWS) platform instances using Ansible

**Objective:** ToMaintaining server high available and maintaining build failures

**Duration:** 14 months

**Team Size:** 5 Engineers