DevOps Engineer

Uday Kumar

Email: udaydevops644@gmail.com
Voice: +91- 8970310875

Professional Summary

- Having around **3.5 years** of **IT** experience as **DevOps Engineer**, Software Configuration activities and deployment activities for web-based software applications.
- Experience in using source code management tool **GIT.**
- Experience in using Build Tool **Maven.**
- Experience in using **Nexus Repository** to store the Build artifacts.
- Hands on experience in automating build process using **Jenkins** tool.
- Experience on writing Shell Scripts to perform deployment of Java Build files and automating manual Tasks.
- Hands on experience in configuration management tools like **Ansible**.
- Experience on building and deploying Java web applications in **Apache Tomcat.**
- Good working Knowledge with **Agile** Product Development methodology.
- Familiar with **Software Development Life Cycle** (SDLC) processes.
- Experience in container orchestration using **Docker**, **Kubernetes.**
- Having very good Knowledge in **AWS services**.
- Having very good Knowledge on **Python**.

Skill Sets

Operating Systems	Windows,Linux.
Version Control Tool	GIT
Build Management Tool	Maven
Scripting Languages	Shell Script, Python Script.
Continuous Integration Tool	Jenkins
Code Quality Tool	Sonarqube
Configuration Management Tool	Ansible
Containeraization	Docker, Kubernetes, Dockerswarm.
Cloud Services	AWS

Professional Experience

- Working as **DevOps Engineer** in **Capgemini Technology Services India Limited,Bengaluru** from Jan-2018 to Present.

- Worked as **DevOps Engineer** in **Asics Technologies Private Limited, Hyderabad** from May-2016 to Dec-2017.

Projects Summary

Project 1   **Duration: Jan-2018 to Present.**

Project   : **CBS**(Core Banking Solution)
Client   : **HSBC**
Technology   : Linux, Kubernetes, GIT, Jenkins, Docker, Ansible.
Designation   : DevOps Engineer

Software Configuration Management

Description:

The Hongkong and Shanghai Banking Corporation Limited (HSBC) offers a wide range of retail banking and wealth management services, including personal lending and deposit products, through its branch network. Also offered branch-wide are international Gold and Classic credit cards from VISA and MasterCard and Debit cards from Visa. Customers have access to 24-hour banking services through an extensive network of automated teller machines (ATMs), an integrated Call Centre, and internet banking.

HSBC's centers located in Asia-Pacific, the Middle East, Europe and North America, together with HSBC's offices worldwide, provide the international Indian Diaspora access to a range of products and services. We support to Latin America region.

Responsibilities:

➡ Software Configuration management (Build and continuous Integration using **Maven**, **Jenkins & GIT**.)

➡ Creating branches and tags on Git repository and provided branches access permission to dev team.

➡ Responsible for tagging and maintain code on version control GIT.

➡ Responsible for creating Builds and Deployments Planes.

➡ Responsible for taking the source code and compiling using **Maven** and package it in its distributable format, such as a Jar, War, Ear.

➡ Perform Build activities using Maven and Jenkins tool.

➡ Perform Deployment of War files in Tomcat application servers using Shell scripts.

➡ Automate the build Process Using Jenkins jobs.

➡ Troubleshooting application related issues by log verification.

➡ Verify Deployments logs to check for successful deployments.

➡ Planning and documentation of the requirements.

➡ Wrote Shell scripts for doing Deployment and take the Git repository backups.

➡ Sending daily, weekly extracts to customers.

➡ Taking weekly back-ups like Jenkins home directory.

➡ Creating docker images and creating docker containers, docker swarm.

➡ Experience with container based deployments using **Docke**r.

➡ Created, modified and customized **Docker files**, **Docker images** running java applications.

➡ Experience with container based deployments using **Docke**r with **Kubernetes Cluster.**

➡ Configuring and setup of **Orchestration Engine** of **Kubernetes.**

➡ Maintaining the **master and node** concepts of **Kubernetes.**

Project 2   **Duration: May-2016 to Dec-2017.**

Client   **: Cox Communications**
Technology   **:** Linux, GIT, Jenkins, Docker, Ansible.
Designation   **:** DevOps Engineer

Description:

Cox Communications is an American privately owned subsidiary of Cox Enterprises providing digital cable television, telecommunications and Home Automation services in the United States. The Cox Communication platform includes out-of-the-box interfaces for license generation, activation, tracking, reporting, and back-office integration and customer self-service portals.

Responsibilities:

➡ Handling build and deployment process for java based applications.

➡ Hands on experience in automating build process using **Jenkins** tool.

Software Configuration Management

- ➡ Experience on writing Shell Scripts to automate the manual Tasks.
- ➡ Hands on experience in configuration management tolls like **Ansible**.
- ➡ Planning and documentation of the requirements.
- ➡ Hands on experience in automating build process using **Jenkins** tool.
- ➡ Experience on writing Shell Scripts to perform deployment of Java Build files and automating manual Tasks.
- ➡ Proven experience on artifact repositories like **Amazon S3 and Nexus**.
- ➡ Hands on experience in configuration management tolls like **Ansible**.
- ➡ Experience on building and deploying Java web applications in **Apache Tomcat.**
- ➡ Performed installation & configuration of Tomcat application server and Apache server.
- ➡ Wrote Shell scripts for doing Deployment and take the Git repository backups.
- ➡ Taking weekly back-ups like Jenkins home directory.
- ➡ Design and create automated Build and Deployment process.
- ➡ Creating docker images and creating docker containers.
- ➡ Setup kubernetes architecture with master and nodes.
- ➡ Writing Docker files as per requirement.
- ➡ Experience with container based deployments using **Docke**r**.**
- ➡ Created, modified and customized **Docker files**, **Docker images** running java applications.

Academics

- ➡ Master's in Business Administration from Osmania University in the year 2015 with Specialization in Marketing&HR.
- ➡ Bachelor's in **Computer Science** from Osmania University in the year 2013.

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Software Configuration Management