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###### 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**,**Chef.**
* 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**

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| --- | --- |
| **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,Chef. |
| **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

##### 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.
* 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.

**Uday Kumar**