**Manas Ranjan Routray****Mail :** **manasroutraydev@gmail.com**

 **DevOps Engineer Mobile : +91** – **9658406707**

**Professional Summary**

 Having a total of 3.7 + years of IT experience in UNIX/Linux system administration, AWS Cloud service supporting, automating and optimizing mission-critical deployments in AWS, CI/CD and DevOps process.

**EXPERIENCE:**

 **Working as a Devops Engineer for Wipro Technologies in Pune from August 13, 2020 to till date.**

 **Worked as Software Engineer for Convisor Technology in Bhubaneswar from March 16, 2017 to March 30, 2020.**

**EXPE RIENCE AND SKILLS:**

* Provide **System Administrator** level support of applications such as Apache, Tomcat
* Work with tenured **System Administrators** and other Infrastructure groups to design, implement and maintain Information Systems
* Understanding the client environment, Administrating and creating solutions using **AWS Services, CI/CD, GIT, Dockers**.
* Proficiency with Configuration Management tools & Build management tools such as **Ansible, Maven, Git, Jenkins, Shell Scripting.**
* Hands on experience in **Provisioning, Orchestration, Packages, Services, configuration and deployment** using **Ansible.**
* Hands on writing **Ansible Playbooks.**
* Hands on writing **Docker files.**
* Configuring Jenkins job with related **Plugins for Testing, Artifactory, and Continuous Deployment** to accomplish the complete CI/CD.
* Experience with Amazon Web services Creating, Configuring and Managing **EC2 services across AWS Zone**.
* Working on **AWS** cloud such as creating **EC2, S3, ELB, Auto Scaling, VPC**.
* Experience in using version controller tools like **GIT.**
* Environment provisioning solutions using **Ansible, Docker**.
* Hands on expertise to setup, configure continuous build processes using **Jenkins, Maven, Git**
* Experience in Containerization tool like **Docker**
* Experience in **build Docker images** such as **Docker Files.**

**EDUCATIONAL QUALIFICATION :**

* **Bachelor of Technology** from **BPUT** University, Orissa.

 **TECHNICAL SKILL:**

 **Configuration Mgmt.    : Ansible**

 **CI/CD Server : Jenkins**

 **Scripting Language : Bash Scripting**

 **Containerization tool : Docker**

 **Cloud Technology : AWS**

 **VCS tool : GIT**

 **Build tool : Maven**

 **Monitoring Tools        : Nagios , AppDynamics**

 **Ticket Tool : Jira**

 **Operating Systems : Linux (Red hat, Centos) , Windows**

**PROJECT DETAILS:**

**Project:2**

**Title : IFRS16 (Finance IT & Investment)**

**Client : HSBC**

**Duration : August 2020 to March 2021**

**ROLE : Devops Engineer**

**Technologies used : Git, GitHub, Jenkins, Maven, Ansible, Windows, Linux, Shell script, AWS , Jira, Nexus, Splunk, AppDynamics**

**Roles and Responsibilities:**

* Software Configuration management (Automate CI & CD pipe using Ansible,Maven, Jenkins & GIT).
* Writing inventory files and ansible configuration files.
* Creating playbooks in Ansible for configuration and Deployment activities
* I personally use Vagrant to test our automation scripts on virtual machines before moving it into real times servers.
* Automating AWS cloud deployments using Shell scripts and Ansible.
* Perform Build activities using Maven and Jenkins tool.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using GIT source control.
* Analyze and resolve conflicts related to merging of source code for GIT.
* Resolved merging issues during rebasing and re-integrating branches by conducting meetings with Development Team Leads.
* Responsible for designing and deploying best SCM processes and procedures.
* We work very closely with Developers and Build & Release team. We setup Jenkins server & nodes for build and release team as per request.
* Supported and developed tools for integration, automated testing and release management.

**Project : 1**

**Title : Cab booking mobile app**

**Duration : March 2018 to March 2020**

**ROLE : Devops Engineer**

**Technologies Used : AWS, Git , Jenkins, Docker, Maven, Linux Environment, Shell script(bash)**

**Roles and Responsibilities:**

* Interacted with different development teams to provide support in deployment activities.
* Coordinate with different development, QA and IT operation teams to ensure that there are no resource conflicts.
* Worked with multiple projects managers from different vendors to understand the release plans and provided support according to their requirements.
* Prepared, maintained release and deployment documents.
* Created branches and tags in SVN for new development projects.
* Involved in creation and modification for Ant scripts for the different development projects.
* For new applications, worked with development teams to get the requirements of application release process.
* Consolidating the access request for cloud, Linux, DB and client applications on daily basis and coordinating with the client to get it done.
* Analyzed and resolved conflicts related to merge of source code for SVN.
* Attended daily client meetings to make sure everything is in place in all the development projects.
* Created repositories according the structure required with branches, tags and trunks.
* Worked with client to provide and revoke access to relevant environments for different teams.

 MANAS RANJAN ROUTRAY