**SNEHANSHU KUMAR PANIGRAHI**

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**Objective:**

To be associated with a progressive organization that gives scope to apply my Knowledge, skills and to be a part of a team that dynamically works towards growth of the organization.

**Professional Summary:**

* Having 4.5 years of experience as DevOpsEngineer working in DevOps Environment, AWS and Linux

Administration.

* Hands-on experience in GIT (Distributed Version Control tool), ANSIBLE (Configuration Management Tool), Docker (Container Based Tool), Jenkins (Continuous Integration tool), Maven (Buildtool).
* Configured and maintained Jenkins to implement the CI process for major releasesand integrated Maven to schedule thebuilds.
* Build out server automation with Continuous Integration - Continuous Deployment tools like Jenkins/Maven for deployment and build managementsystem.
* Extensively worked with automation tools like Jenkins to implement the end to end automation.
* Experience in using build tools like MAVEN for the building of deployable artifacts such as jar & war from sourcecode.
* Used GIT as source code management tool: creating local repo, cloning the Repo, adding, committing, pushing the changes in the local repositories, saving Changes for later (Stash).
* Experience in provisioning, configuring nodes and deployment usingANSIBLE.
* Expertise in writing playbooks for installing the packages like Apache, HTTPD , Jenkins, Tomcat, MySQL & Nginx in Linuxmachines.
* Monitored availability and performance of production and development environments (servers, databases, network & Web services) using ELK.
* Configuring CRON jobs and scheduling thejobs
* Using Jira as ticketing and trackingtool.
* Worked on Docker container snapshots, attaching to a running container, removing images, managing Directory structures and managingContainers.

**Technical Skills:**

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| --- | --- |
| **Operating Systems** | Linux, Centos, Ubuntu, Windows |
| **Version Control Tools** | GIT |
| **Scripting Languages** | Shell Scripting, PHP |
| **Databases** | SQL |
| **Application/Web Servers** | Apache Tomcat, Nginx |
| **Build Tools** | Maven |
| **Cloud** | AWS |
| **Configuration Management Tools** | ANSIBLE |
| **CI/CD** | Jenkins |
| **Build Repository** | JFrog |
| **Virtualization**  **Container-orchestration** | Docker  Kubernetes |

**Professional Experience:**

* Working as DevOps Engineer at Cognizant, Bangalore from **NOV 2016** to **tilldate**.

**Educational qualification:**

* Bachelor of Technology in Electrical and Electronics Engineering from**BPUT, Odisha (2014)**

**Projects Executed:**

**Project 1:**

**Name:** Investment & Insurance

**Client:** AVIVA

**Role:** DevOps Engineer

**Environment:** GitHub, Jenkins, ANSIBLE, AWS, Docker, Nexus.

**Responsibilities:**

* Launching Amazon EC2 Cloud Instances using Amazon Web Services and Configuring launched instances with respect to specificapplications.
* Setup and monitor daily continuous/production builds. End to End CI/CD set-up Between Jenkins &GIT.
* Configured automatically trigger build whenever any push comes towards the dev, Master or Hotfix branches and reports send to the MandatoryReviewers.
* Software Configuration management (Automate CI& CD pipe using ANSIBLE,Maven, Jenkins &GIT).
* Creating playbooks in ANSIBLE for Configuration and Deploymentactivities.
* Configuring Apache tomcat server usingANSIBLE.
* Configured Jenkins Jobs, install plugins for generating ProjectArtifacts.
* Perform deployments to multiple environments like Dev and QAenvironments.

**Project 2:**

**Project Name:** Luxottica

**Client:** Luxottica

**Role:** DevOps Engineer

**Environment:** GitHub, Jenkins, ANSIBLE , AWS, VM, Nagios.

**Responsibilities:**

* Launching Amazon EC2 Cloud Instances using Amazon Web Services and Configuring launched instances with respect to specificapplications.
* Written playbooks, roles, templates using ANSIBLE to automate the process ofprovision, Deployment
* Creating ANSIBLE playbook to copy tax file to all stores at the end of theday.
* Monitored availability and performance of production and development environments (servers, databases, network & Web services) using customized ELK monitoringtool.
* Using build tools like MAVEN for the building of deployable artifacts such as jar & war from source code.
* Responsible for Continuous Integration (CI) and Continuous Deployment (CD) process implementation using Jenkins along with groovy scripts to automate routinejobs.
* Configured and maintained Jenkins to implement the CI process for major releases and integrated the tool with Maven to schedule thebuilds.

**Project-3**

**Project name**: **User-info**

**Client- Kant-plastology**

**Role-DevOps Engineer**

**Environment:** Git, Jenkins, Docker, Ansible, Nagios

**User-info** Application stores the address and contact information of a user,

It's developed using Java. On this project as a DevOps Engineer,

I am responsible for continuous Integration and Continuous Deployment of latest commit made on the project.

We used various DevOps tools to successfully push the source code into the Production Server( Git, Jenkins, Docker, Ansible, Nagios).

We deployed the code into the server using Jenkins designing number of Jobs and putting them into the pipeline.

• Dev Compile -- To check out the code

• Code Review -- Invoking maven Target and using PMD rules check the codes

• Unit Test -- Run the unit test cases and publish JUnit test report

• QA Metric Check -- Perform Quality Analysis on the code using Cobertura Plugin

• QA-Package -- Packaging of the application as a WAR file.

• Copy Artifacts -- Copy the WAR file from Jenkins server to test and prod servers using ansible

• Deploy Container -- Deploy the Docker container on the remote machine using ansible.

**Declaration:**

I hereby declare that the above-mentioned information is true to the best of my knowledge and belief.

**Bangalore**

**Date:**