SOMANATH MUDULI

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**Objective:**

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

# Professional Summary:

* Having 3+ years of experience as DevOps Engineer.
* Experienced working in DevOps Environment, Amazon Web Services (AWS) and Linux & Windows OS.
* Hands-on experience in GIT (Distributed version control tool), Ansible (Configuration Management Tools), Docker (Container Based Tool), Jenkins (Continues Integration tool), Maven (Build tool).
* Configured and maintained Jenkins to implement the CI process for major releases and integrated the tool with Maven to schedule the builds.
* Build out server automation with Continuous Integration - Continuous Deployment tools like Jenkins/Maven for deployment and build management system.
* 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 source code.
* 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 using ansible.
* Knowledge in writing playbooks for installing the packages like Apache, Httpd, Jenkins, Tomcat, Postgres & Nginx in Linux machines.
* Configuring cronjobs and scheduling the jobs
* Using Jira as ticketing and tracking tool.
* Worked on Docker container snapshots, attaching to a running container, removing images, managing directory structures and managing containers.
* Experience working on several Docker components like Docker Engine, Docker Hub, Docker-Compose, Docker Registry etc.

# Technical Skills:

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| --- | --- |
| **Operating Systems** | Linux |
| **Version Control Tools** | GIT |
| **Scripting Languages** | Shell |
| **Application/Web Servers** | Apache Tomcat, Apache Webserver |
| **Build Tools** | Maven |
| **Cloud** | AWS |
| **Configuration Management Tools** | Ansible |
| **CICD** | Jenkins, Teamcity |
| **Build Repository** | Nexus |
| **Containerization** | Docker |
| **Container orchestration** | Kubernetes |

**Professional Experience:**

* Working as DevOps Engineer at **Genesys international corporation limited**, Mumbai from **April 2017** to **September 2021**.
* Working as DevOps Engineer at **Avantha technologies**, Mumbai from **September 2021** to **Till Date**.

# Educational qualification:

* Bachelor of Technology (**MECHANICAL) from** **Oxford college of engg & mang, Bhubaneswar, Orissa**, India (2011-2015) having Aggregate **71%.**
* +2 Science (12th) from **P.N junior college, Khordha, Orissa**, India (2009-2011) having **58%.**
* Matriculation (10th) from **Gediapalli High School, Gediapalli, khordha** India (2008-2009) having **63%.**

# Projects Executed:

**Project 1:**

**Name:** Real time events.

**Client:** Carmera Inc.

**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 specific applications.
* 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 develop, Master or Hot fix Branches and Reports Send to the Mandatory Reviewers.
* Software Configuration management (Automate CI& CD pipe using Ansible, Maven, Jenkins & GIT).
* Creating playbooks in Ansible for configuration and Deployment activities.
* Configuring Apache tomcat server using Ansible.
* Configured Jenkins Jobs, install plugins for generating Project artifacts.
* Perform deployments to multiple environments like Dev and QA environments.

# Project 2:

**Project Name:** Vehicle autonomous.

**Client:** Carmera Inc.

**Role:** DevOps Engineer

**Environment:** GitHub, Maven, Jenkins, Nexus.

# Responsibilities:

* Worked as a build and release engineer.
* Written playbooks, roles, templates using ansible to automate the process of provision, Deployment
* On call, incident response and incident management.
* 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 routine jobs.
* Configured and maintained Jenkins to implement the CI process for major releases and integrated the tool with Maven to schedule the builds.

# Project 3:

**Project Name:** STyLE.

**Client:** Royal Bank of Scotland.

**Role:** Build & Release Engineer

**Environment:** BitBucket, Maven, TeamCity, Nexus,Tomcat.

# Responsibilities:

* Worked as a build and release engineer.
* On call, incident response and incident management.
* Daily health check on different environment like all services should up and running, No Argon routes are in maintenance mode, Remove all queues from tibco ems.
* Create merging strategy in Bitbucket.
* 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 TeamCity along with some PowerShell scripts to automate routine jobs.
* Configured and maintained TeamCity to implement the CI process for major releases and integrated the tool with Maven to schedule the builds.
* Perform deployments to multiple environments like Dev and QA environments.

# Declaration:

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

# (Somanath muduli)