**DevOps Engineer**

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**Professional Summary**:

* **4 + years of IT experience** as a DevOps engineer and Build and Release Engineer, Software Configuration Activities and Deployment Activities for web-based software applications
* Experience in **Linux and Windows**.
* Good Experience to setup & Manage **DevOps CI/CD** pipeline.
* Configures **Jenkins** as a continuous integration tool for regular source code build.
* Good hands-on experience in creating Jenkins jobs, plugin installations, setting up distributed builds using master/slave.
* Good Experience in configuration management tool **Ansible**.
* Good Experience to setting up Ansible control server and to Managing Ansible hosts.
* Used Ansible for provisioning the infrastructure and write the playbooks.
* Good Experience on containerization tool **Docker**.
* Good Experience on setup Docker environment and writing Docker files.
* Worked with Docker images/container for redirection of ports and volumes.
* Strong experience in version control tools like **Git** and **Github**.
* Using **Maven** as a build tool for java projects.
* Using **Sonar Qube** for code analysis.
* Used **Artifactory** Repository to upload the build artifacts after successful build.
* Good Hands on experience of Application servers like **Apache Tomcat** .
* Good experience setup DevOps Environment on **AWS** Cloud
* Having the good experience in AWS like launching the **Ec2** instances, **S3**
* Having good experience in writing the **shell scripting**
* Proven experience on **Jira and SNOW (Service now)** ticketing tool.
* Knowledge on **TFS**
* Knowledge on **Python**
* Good working Experience with **Agile** Product Development methodology.
* Familiar with **Software Development Life Cycle** (SDLC) processes.
* Well Exposed in Build and Release Systems for Web-Based software systems.
* First-rate analytical and problem-solving skills dedicated to maintaining high quality standards.
* Responsible for Creating and maintaining builds and Administering **Jenkins** and Involved in Deployment related activities
* Open to learn new technologies.

**Education Qualification:**

* **Bachelor of Technology** from **JNTU Kakinada in 2011.**

**Work Experience:**

Working as a **Software Development Specialist** in **Tech Mahindra** from Nov 2017 to till date.

**Technical Skills:**

**SCM Tools :** Git and Github

**Configuration management :** Ansible

**CI & CD Tool :** Jenkins

**Build Tools :** Maven

**Monitoring Tool :** Nagios

**Web & Application server :** Apache & Apache Tomcat

**Containerization :** Docker

**Cloud :** Amazon Web Service

**Tools :** Putty

**Languages :** Java

**Scripting :** Shell Scripting

**Operating System :** Linux and windows

**Project Profile:**

# Project 1:

**Project :**  **NAB**

**Technology :** Java, GIT, Jenkins, Ant and Maven, Ansible, Docker

**Cloud Services** : EC2, VPC, RDS, Amazon S3

**Static Code analysis tool :** Sonar

**Database**  **:** PostgreSQL

**Application Server :** Apache Tomcat9 Server

##### Designation : Software Development Specialist

##### Description:

National Australia Bank is one of the four largest financial institutions in Australia in terms of market capitalisation, earnings and customers. NAB was ranked 21st-largest bank in the world measured by market capitalisation and 52nd-largest bank in the world as measured by total assets in 2019.

**Responsibilities:**

* Handling the daily and weekly builds to various environments and make sure that the environment is up and running.
* Setting up the build and automated deployment automation for java base project by using Jenkins and maven.
* Maintained administered the Git source code tool.
* Taking the backup and perform the merge operations in Git.
* Creating the Git repositories and give the access right to the authorized developers.
* Integrated the Git into Jenkins and run the jobs by using build tool.
* Supporting the code builds by integrating with the continuous integrating tool Jenkins.
* Integrate the Jenkins, Nexus and Ansible.
* Write the Ansible playbooks for provisioning the infrastructure.
* Responsible for creating the jobs and deploying the builds in application server like apache tomcat.
* Used various plug-ins to extend the base functionality of Jenkins to store the builds into artifact repositories and display results.
* Inform through mail the compilation errors to the responsible team with error logs.
* Create Docker container using docker images to test an application.
* Worked on Docker platform to run the applications.
* Troubleshooting the various builds and environment related issue by interacting with developers, QA teams and other stake holders.