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Objective

In pursuit of challenging assignments that would facilitate the maximum utilization and application of my broad skills and expertise in making a positive difference to the organization.

Professional Summary

- **3+** years of Experience as a **Build and Release/ DevOps** engineering and configuration management.
- Expertise in supporting multiple projects during builds and release process.
- Hands on experience with version control tool like **Git, GitHub, Bitbucket.**
- Experience on **GIT**- Created branches, tagging, setting externals and providing access permissions to the developers over branches.
- Good working experience on **Linux and Windows** Operating Systems.
- Scripting in multiple languages on **UNIX, LINUX and Windows** –Batch, **Shell Script.**
- Used Shell scripting in automating many modules.
- Hands on Experience with Build Tool **ANT, Maven** to generate project **Artifacts.**
- Hands on experience in automating build process using **JENKINS CI** Tool.
- Good experience in deploying the build artifacts in **Tomcat** Server.
- Worked on ticketing tool like **Jira.**
- Performance testing for complex systems, Build Release and environment planning, designing, implementation for projects across **different technologies.**
- Supporting scheduled builds using scripts and tools.
- **Troubleshoot** the Application related issues in **production & non-production** environments.
- Design, integration, deployment and administration of **J2EE** Application servers – Tomcat Application Server across **UNIX, Windows and Linux** platforms.
- Familiar with Software Development Life Cycle (SDLC) process.
- Good knowledge on **methodologies** like **Agile and waterfall model** for project planning and execution.
- Experience in end-to-end building and deploying and configuring process and implementation from local **QA** environment to **UAT and Production.**
- Having good knowledge in Amazon EC2 technologies **EC2, S3, EBS, Auto scaling, VPC** monitoring and elastic load balancing.
- Participate in building the DevOps Platform using configuration management tools like **Ansible.**
- Used tools like **Docker** for deployment automation.
- **Docker** installation and image setup.
- Creating custom image from a **Docker file.**
- Ability to accept challenge, learn and grown in good profession manner.
- Successful in communicating with people at all levels and with other departments as needed to best Serve the customer.

IT Knowledge Purview

Configuration Management	Git, GitHub and Bitbucket
Operating Systems	Windows 10/2000/XP/7, Linux
Scripting	Shell Scripting, Python
Build Tools	Maven
Web Server	Apache
Application Server	Apache Tomcat and Wild fly
Continuous Integration Tools	Jenkins
Cloud Environment	AWS
DevOps	Docker, Ansible, Kubernetes
Bug Tracking Tool	Jira

Work Profile

Current Designation : Software Engineer
Area of Work : DevOps Engineer
Domain : Retail, Insurance & E-Commerce
Technologies : Windows, Red Hat Linux, Shell Scripting, Jira, MySQL, Tomcat, Apache, Git, Maven, AWS, Docker.

Academic Credential

- B-tech in Mechanical Engineering from NBKRIST.

Professional Experience

- Working as **DevOps Engineer** at “**Aplitech Solutions Infotech Pvt Ltd.**”, Bangalore from **June 2021 to Till Date.**

Projects

Project#2

Project Name	Project Tracker Portal
Client	Southern Water
Role	DevOps Engineer
Environment	Maven, GIT, Jenkins, Shell Scripting, Tomcat, Linux, AWS, Docker, Java, J2EE, Nexus, SonarQube, Kubernetes

Description:

Project Tracker Portal is a web enabled integrated HR system that supports all the core HR functions which is used by Southern Water onsite clients. Primary goal of this web application is to keep track of employee personal information, leaves & attendance information. The application features will be accessible by the user based on role base defined by the system. This System provides capabilities and features that are critical to the organization with a smart workflow approach ensure efficient and effective management of employees. The system is designed to make life easy for all types of users, with an integrated workflow to support all administrative processes and includes useful guides. Managers and supervisors can more effectively manage their subordinates.

Roles and Responsibilities:

- Setting up the new build environment for various applications in **Windows/Linux** environment.
- Managed to organizational standards by maintaining the source code in **GIT** for various applications. Setting up the new Build Environment for various products in Linux Environment.
- Maintains and extends configuration and build sub-systems on **GIT**.
- Creating and maintaining the development and release branches on **GIT**.
- Using **Maven** as a build tool, I could automate the process of building artifacts.
- Supported and helped to create dynamic views and **snapshot** views for end users.
- Implementing **Jenkins** continuous integration tool including installing setting the jobs/plans and setting up the tool for deployment.
- Involved in installing **Jenkins** on a **Linux** Machine. And creating a **Master** and **Slave** configuration to implement multiple parallel builds through a build.
- Used **AWS** services like **EC2, S3, EBS, Cloud Watch, ELB, VPC** for building infrastructure.
- Participates in the design and implementation phases for new and existing products, with a focus on **AWS** technical knowledge for successful execution of the requirements.
- Help engineering teams implement **new technologies** in development for future production deployment.
- Actively monitor and administer the applications and hosting environment to increase **efficiency, improve reliability, and minimize downtimes**.
- **Measurement, optimization and tuning** of system performance and ensuring that systems will run reliably and are highly available in a **24/7** production environment.
- Experience in scripting for monitoring/deployment using puppet to automate the task/deployment/install is strongly preferred.
- Used **Docker Container** for running different individual services and optimizing the infrastructure cost.
- Managing/Tracking the defects status using **JIRA**.
- Automating the manual process if any, by writing the **Shell scripts**.
- Involved in deployment of the application using **Tomcat**.
- Primary responsibilities include Build and Deployment of the java applications onto different Environments like **QA, UAT, and prod**.
- Production environment support activities which include major release or emergency hot fix deployments, scheduling and coordinating with client regarding Operational Job Cycles or any activities.
- Good Knowledge in Shell, Python, Perl & Expect scripting
- Coding of UNIX shell script for transfer of files between servers according to business requirements and performing the operations on oracle database.
- Managed **Docker orchestration and Docker containerization** using **Kubernetes**.

- Utilized **Kubernetes** for the runtime environment of the **CI/CD** system to build, test deploy.
- Experience with configuration management tool **ansible**.
- Launched multiple instances on AWS based on the client requirements

Project#1

Project Name	Site Crawler
Client	HP
Role	Build and Release Engineer
Environment	Maven, GIT, Jenkins, Shell Scripting, Tomcat, Linux, AWS, Docker, k8s,

Description:

This project is aimed at building a web application for crawling the data from various websites. So that it is used to crawl the different websites automatically to get the details of laptops and desktops Configuration details and whatever the information we need dynamically. It will reduce the time to crawl different websites to check the data. By using this business will compare with the data with competitor and improves the business in the market.

Roles and Responsibilities:

- Administration of **Git** tools include creating **branches, tagging, access permissions**.
- Experience in Creating **branches and tags** to separate build system after a milestone releases and Create build storage archives for back tracking builds.
- Automated build scripts using **Maven** and **Shell Scripts**.
- Configured **Jenkins** CI tool for project and setup Nightly Builds.
- Automated the code deployment process in each environment (development, QA, Staging, Production).
- Configured a continuous integration process and interface with the operations team to ensure project artifacts are deployed automatically to various environments using **Jenkins**.
- Installation, Configuration and Administration of **Jenkins** over UNIX and LINUX build machines in distributed mode over Apache Tomcat and configured **jobs** along with various plug-in for Continuous Integration, Release Builds for **AGILE** and Production Branches.
- Accomplished in tool automation using **Shell scripting**.
- Participated in Bug review meeting and release the builds to **pre-production and production servers**.
- Involved in deployment of the application using **Tomcat**.
- Performed **Build** and **Deployment** activities without any rework.
- Responsible for the **deployment on Linux** for Dev/ QA, staging, productions environment.
- Preparing the build statistics and produce to the management team.
- **Troubleshoot** deployment problems, **release issues** and **environment issues** in a multi-component environment.

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date: 15/10/2024.

Place: Bangalore.