AWS and Devops Engineer

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Experience Summary:

- Having **3+** Years of experience as DevOps Engineer in Software Configuration/ Build/ Deployment/ Release Management.
- Good Experience in **Jenkins** for Continuous Integration and Build System.
- Good experience in using tools like **Maven.**
- Created and Maintained build scripts using **Maven** to perform builds efficiently on Jenkins.
- Experience in Shell Scripting to automate regular process.
- Good experience in **Git and Subversion**.
- Expertise in setting up **Jenkins** and **integrating** with different tools to achieve the **CI/CD**.
- Having good experience on **Linux.**
- Good working Experience on **Docker**.
- Experience in creating **Docker** images and containers and commit, Push & Pull the images.
- Good Debugging, root cause analysis and problem-solving skills, Learning and Implementing Evolving new Technologies
- Good Understating of Source code management **collaboration tools** GIT and **Subversion (SVN)**.
- Experienced in using **GitHub** as a Repository management tool.
- Good understanding of defect and change tracking tool such as **JIRA.**
- Good Experience with Automation/Configuration Management using **Ansible**.
- Executing builds and **troubleshooting** builds, Interaction with **development and QA teams**.
- Proficient in the areas of **configuration and integration**.
- Experience practicing **Agile** methodologies
- Having experience on **Apache Tomcat.**
- Good Experience on **Ansible**
- Good experience in code coverage tool like **Sonar.**
- Good knowledge in writing **shell script** for build automation purpose.
- Managing artifacts repositories by using **Nexus Repository Manager.**
- Experience in **SDLC** methodologies
- Having good experience on **AWS**
- Having good experience on AWS by configuring the **EC2, Security Groups, Elastic IP's, storage on S3 Buckets, Load balancers, Auto-Scaling groups, Route53, Terraforms**.
- Proficient in the areas of **configuration and integration**.
- Good understanding about **branching strategies**, merging and taking **regular backups** of the source code.

Technical Skill Sets:

- **Operating Systems** : Linux, Windows
- **Build Tool** : Maven
- **Version Control** : Git
- **Cloud Technologies** : AWS
- **CI Tools** : Jenkins
- **Containerization Tool** : Docker
- **Configuration Management** : Ansible
- **Artifactory Storage** : Nexus
- **Middleware File Systems** : Tomcat
- **Scripting** : Shell and Python

Educational Summary:

- **Bachelor of Technology** from **Jawaharlal Nehru Technological University-Hyderabad**

Organization Summary:

- Working as Devops Engineer in Cognizant Technology Solutions India Pvt Limited (Payroll Comapany is Adshpere Technologies Pvt Ltd.) from march'2018 to till date

Project profile:

Client: Citi Bank

Role: Devops Engineer

Roles &Responsibilities:

- Work with various development teams to build and support automated builds, supporting daily continuous integration.
- Used SonarQube for code coverage and code quality
- Responsible for scheduling Environmental activity meeting and maintaining up to date information on environments.
- Creating docker images

- Docker images push to docker hub.
- Checking the availability of servers and scheduling deploys for the day.
- Coordinated releases with development and testing teams to ensure systems are ready for code to be deployed.
- Configured and deployed application on Tomcat Successfully.
- Automated some post build activities which reduces the manual effort and time of Buid.
- Documented all build and release process related item.
- Defined the Build and automated Testing Infrastructure. Educated both Development and QA teams with the tools and process.
- Manually deployed WAR, JAR files to various environments as part of release process.
- Involved in merging branches, updating deployed modules etc during release processes.
- Proactively seeks opportunities to implement improvements to internal development processes.
- Implemented continuous integration using Jenkins.
- Created repositories according the structure required with branches, tags and trunks.
- Attended sprint planning sessions and daily sprint stand-up meetings.
- Created jobs for tagging and branching.
- Configured plug-ins for the integration tool to the version control tool.
- Utilize Jira for issue reporting, status, and activity planning.
- Extensively used Maven tool to do the builds, integrated Maven to Eclipse.
- Integrated Maven with Jenkins for the builds as the Continuous Integration process.
- Build Java code in different Jenkins servers as per the schedule.
- When required applied patches as per the release process.
- For on boarding existing application, performing Knowledge transition from Development team to SCM team on build and deployment process.
- Interacted with supporting teams to understand client deployment requests.

Client: ABN Amro(Netherland Banking)

Role: Build and Release Engineer

Roles &Responsibilities:

- Create and maintain build, deployment and rollback scripts/tools.
- Execute scheduled application builds and deployments.
- Provide support for application and environment configuration issues.
- Coordinate with support teams to support and resolve build issues.
- Maintain code branches and coordinate code mergers with revision control utility.
- Manage, update, configure and provision development and testing environments..

- Experience with using, administering or configuring Hudson/Jenkins CI tools.
- Experience of creating release branches, Labels.
- Experience of merging changes from release branch to depot and resolving the conflicts occurred at the time merge process.
- Educate and mentor the engineering team on the organization's build systems and processes.
- Involved in working with tomcat Deployment server admin console for deploying applications.
- Work with teams and project managers to deliver quality software within schedule constraints.
- Communicated with all levels of engineering, management, development and test teams.
- Responsible for documentation and execution of implementation and post implementation support plans.
- maintain scripts for automating common activities.
- Conducting or supporting the deployment of software releases into development and test environments, troubleshooting release package, and deployment procedure or environment configuration issues.
- Build Java code in different Jenkins servers as per the schedule.