DEVOPS Engineer

Name:

Email:

Number:

**Objective:**

To obtain a Devops Engineer/Build And Release Engineer position in which to use my past expertise to better the company and help it grow flexibility to adapt to any new environment and work on any project wish to utilize this experience in an organization as part of them**.**

**Professional Experience:**

* Having **3+** Years of solid IT Experience as a “**DevOps/Build & Release Engineer”** for Java Based Web Applications.
* Having Experience in EC2, IAM, RDS, Cloud watch, cloud trail, VPN, EBS, ELB, Autoscaling, S3, Cloud formation from AWS.
* Able to bootstrapping for configuring the chef nodes.
* Implemented/ designed cookbooks which will automate the installations, configurations and deployments.
* Responsible for administering and supporting version control systems (SVN and GIT) on Linux.
* Experience in Creating branches, tags, user locking, branch locking, and Daily Activities Included Force builds, daily patches.
* Expert in build automation tool ANT, MAVEN for Build development in Windows and Linux.
* Extensive experience using **ANT, MAVEN** as build tool for the building of deployable artifacts from source code.
* Experience in Build & Release Activities, which involves Building source code, handling and Administration of Version control tools (Subversion, Git), maintaining CI environments (Jenkins/Hudson).
* Build, Configure, Manage and Coordinate all Build and Release Management activities.
* Expertise in Installation, Configuration, Administration and Maintenance of CI tools Jenkins/Hudson.
* Having good experience in Chef Configuration management tool.
* Set up & configure the necessary infrastructure support to all teams.
* Strong familiarity with software configuration management systems.
* Experience with Application servers configuration and management (weblogic).
* Install/Configure build, package and deliver java application to weblogic Application server
* Responsible for the development of tools, scripts, installation procedures and systems including source code control and issue tracking.
* Ability to trouble shoot build and deployment issues.
* Capable of working independently and as well as a part of a team.
* Good work experience in end-to-end Building, deploying and configuration process and Implementation from local QA environment to UAT and Production.
* Taking care builds and deployments in local, staging and production environments.
* Experience in supporting applications on different platforms Windows and Linux environments.
* Designing and implementing fully automated server build, management, monitoring and deployment solutions spanning multiple platforms, tools and technologies including Jenkins Nodes/Agents, CHEF, SSH, Amazon EC2 and packaging, deployment and testing.
* Expert in Cloud Technologies like Amazon Web Services (AWS) VPC, EC2, Cloud formation, S3, IAM, RDS, Route 53, Cloud Watch, Dynamo DB and Elastic cache.
* Hands on experience CHEF cluster with high availability solutions
* Having good exposure in Jenkins for CI (Continuous Integration).
* Using Jenkins Manage and Build code with Authorization.
* Deploy Jenkins to completely provision and manage AWS EC2 instances, Volumes, DNS, and S3.
* Migrated existing infrastructures over three AWS accounts into VPCs managed by Cloud formation
* Good Knowledge of using different protocols like FTP, SSH, HTTP, HTTPS and Connect direct.
* Maintaining and Monitoring the Application/Servers using Nagios.
* Configured and managing security groups and VPC.
* Configured and managing ELBs. Configured and managing S3 storage.
* Created AMI images of the critical EC2 instance as backup using AWS CLI and GUI.
* Automated the cloud deployments using chef, python and AWS Cloud Formation Templates.
* Created RDS database. Workspace Setup and troubleshooting.
* Hands on experience on VPC, Subnets, and Route tables etc.
* Configuring Cloud Watch for Monitoring Instance, RDS, ELB’s etc. Conducting Cost Optimization Audit for Clients AWS account.

**Education Details:**

* Bachelor of Technology (IT) from JNTUH.

**Work Experience:**

* Currently working as DEVOPS Engineer at **SAPIENT** from 6th July’2016 to Still, Bangalore.
* Worked as Build & Release Engineer at **InfoTech global India** from June’13to May’16, Bangalore.

**Technical Skills:**

* Version Control : SVN, Git
* Build Tool : ANT, Maven
* Continuous Integration : Jenkins/Hudson
* Scripting Language : Shell Script
* Operating System : Windows XP, Windows 7,LINUX(RHEL)
* Static code analysis tool : Sonar
* Application Server : Tomcat, Web logic
* Web Server : Apache,OHS
* Bug/Defect Tracking Tools : JIRA
* Artifactory storage : Nexus
* Configuration Management Tool : Chef
* Contamination platform : Docker
* Cloud Platform : AWS .

**Project #3:**

**Project Name :** Sears Ecommerce

Environment: GIT, MAVEN, Nexus, Jenkins, Java, RHEL, Web Logic, Shell Scripting.

Role : Devops Engineer

**Description:** Project is about maintaining ecommerce website of Sears 24/7. As major part of Sears business is based on Ecommerce site should be available all the time. Our team job is to build and release code for deployment on appropriate servers to Deployment team. Site will be developed in 4 stages- DEV stage, testing (QA) stage, UAT stage and production.

**Roles & Responsibilities:**

* Deployed and monitored scalable infrastructure on Amazon web services specifically on AWS EC2.
* Maintaining a farm of EC2 instances, S3,ELB’s,Cloud watch, cloud trail, cloud formation and RDS.
* Developed automation framework for Application Deployments to the cloud environments.
* Manage configuration of Web App and Deploy to AWS cloud server through Chef.
* Working with supporting different Environments with help of chef to deploy applications in different Target Environments.
* Built and managed a large deployment of Red-hat Linux instances systems with Chef Automation.
* Terminating/Stopping/Creating EC2 instances using AWS Console.
* Creating user accounts for the Dev/QA team using AWS IAM
* Responsible for creating the Jenkins pipelines for Automation job creation.
* Integrated Jenkins through Github Authentication.
* Enabling the Role based access to the Jenkins.
* Resolving build issues like adding the build profiles on maven configuration file.
* Integrated all the services with chef-zero to avoid the usage of chef-server.
* Enabling the sonarqube Quality gates for the modules of the project to maintain the Stability of the code quality.
* Generating the sonarqube reports for the individual modules of the maven project.
* Configuring and enabling the sonarqube through Jenkins pipeline jobs.
* Integrated the Jenkins pipeline jobs to run the Sanity, Integration and sytem Test cases.
* Enabling the git tagging through pipeline for every released component.
* Resolving the build issues and deployment issues.
* Migrating the Jenkins version from lower to higher.
* Enabled the maven site generation for the all the modules

**Project #2:**

**Project Title : JCPenney**

Organization : **JCP Inc**

Environment: GIT, MAVEN, Nexus, Jenkins, Java, RHEL, Web Logic, Shell

Role : Build & Release Engineer

**Description**: JCPenney (JCP and formerly Penney's for short), is a chain of [American](https://en.wikipedia.org/wiki/United_States) mid-range [department stores](https://en.wikipedia.org/wiki/Department_store) based in [Plano, Texas](https://en.wikipedia.org/wiki/Plano,_Texas). The company operates 1,060 department stores in 49 [U.S. states](https://en.wikipedia.org/wiki/U.S._state) (JCPenney does not operate in Hawaii) and [Puerto Rico](https://en.wikipedia.org/wiki/Puerto_Rico), and previously operated a catalog business and several discount outlets.[[4]](https://en.wikipedia.org/wiki/J._C._Penney#cite_note-4) In addition to selling conventional merchandise, JCPenney stores often house several leased departments such as [Sephora](https://en.wikipedia.org/wiki/Sephora), [Seattle's Best Coffee](https://en.wikipedia.org/wiki/Seattle%27s_Best_Coffee), salons, [optical](https://en.wikipedia.org/wiki/US_Vision) centers, [portrait studios](https://en.wikipedia.org/wiki/Lifetouch), and jewelry repair. As a major part this project own full lifecycle of build system - from analysis, development, implementation and support.

**Roles & Responsibilities:**

* Responsible for Build and Packaging process of the software. Responsible for maintaining source code repositories using SVN and to track document and control changes to source code.
* Develop scripts to automate the daily deployment tasks using Shell.
* Schedule the execution of builds and ensure that all build failures are resolved in a timely manner, support SCM and Build environment.
* Implementing release deployment standards, troubleshooting packaging issues, fixing compilation issues and database related issues.
* Automate the build Process Using Maven and Jenkins
* Ensure successful execution of nightly builds.
* Involved in build/Release management and carried out the quality product on PIE (Partner Integration Environment) and Production.
* Test case creation & execution, defect reporting, test setup creation.
* Implemented the Release practice and responsible for pushing builds into SYS / Staging /Pre- staging /Production
* Tomcat Installation, Domain Configuration, Console Administration, Deployment.
* Maintenance of automation scripts for daily build.
* Involved in Branching, Tagging and Merging of code delivery at required releases
* Coordinate with the Development/Test Teams to receive the correct versions of re-usable and dependent components and DB Script for issuing/installing successful builds and making it ready for the Release on time
* Providing the sonar reports to the individual modules for the integration tests and unit test reports.
* Creating the Environments, Uploading the cookbooks to the chef server and modifying the cookbooks according to requirements
* Generating the sonar reports for the maven modules
* Builds and deploy of code to different environment.
* Creating tag, branch & setting up projects & build plans in CI tool (Jenkins).
* Maintenance of **ANT**, **Shell scripts** for safe builds and deploys.
* For on boarding existing application, performing knowledge transition from development team to SCM team on build and deployment process.
* For new applications, work with development to get the requirements of application build and deployment process.
* Implemented the Release practice and responsible for pushing builds into QA / UAT /Pre-Production/ Production stages.
* Troubleshooting of build errors in Jenkins for both the Software Configuration Mgmt. team and the development team.
* Installation of different version of developing software for development and quality assurance teams.
* Managing day to day Build & Release Activities and CM Support.
* Involved in Deployment of the application using **Tomcat.**
* Maintaining and ensuring stringent adherence to quality standards, norms & practices, identifying gaps and taking corrective administrative actions.
* Responsible for nightly and release builds and regression testing. Environment of Java, on Linux.
* Making of System/Process Automation through Shell Scripting.

**Project #1:**

**Project Title : “stanleyblackanddecker.com/**”

Organization : **Stanley Black & Decker, Inc**

Environment: SVN, Ant, Jenkins, Java, RHEL, Tomcat, Shell

Role : Build & Release Engineer

**Description:**

**Stanley Black & Decker, Inc.**, formerly known as The Stanley Works, is a Fortune 500 American manufacturer of industrial [tools](https://en.wikipedia.org/wiki/Tools" \o "Tools)and [household hardware](https://en.wikipedia.org/wiki/Household_hardware) and provider of security products and locks headquartered in [New Britain](https://en.wikipedia.org/wiki/New_Britain,_Connecticut), [Connecticut](https://en.wikipedia.org/wiki/Connecticut). Stanley Black & Decker is the result of the merger of Stanley Works and [Black & Decker](https://en.wikipedia.org/wiki/Black_%26_Decker).

**Roles & Responsibilities:**

* Administration of Subversion tool includes creating branches, tagging and access permissions.
* Worked on Subversion, Proposed and implemented branching strategy**.**
* Installation and troubleshooting SVN related problems.
* Coordinating with developers and testers for SVN related issues.
* Automated Monitoring of jobs/report runs, schedule verifications.
* Part of support team member during releases, Implementations.
* Automating builds using Jenkins and Ant scripting
* Responsible for Daily builds, Continuous build and patch builds
* Responsible for creating the new build setup and new projects using Jenkins
* Responsible for the deployment of Dev,QA, productions environment
* Perform Production deployment activities and configuration changes on need basis