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### Career objective:

Obtain a responsible and challenging position in a growth-oriented organization which will allow me to learn new technologies and skills while utilizing my expertise experience as a **DevOps** engineer, and also to build a strong business relationship with the company and clients.

### Professional Summary:

* Having around 4+ years of experience as a DevOps & AWS engineer and Build & Release Engineer.
* Experienced with AWS Cloud platform and its features, which includes **EC2, S3, ELB, Route 53, VPC, EBS, AMI, SNS, and Cloud Watch.**
* Setup/Managing VPC, Subnets make connection between different zones.
* Setup/Managing Databases on Amazon RDS. Monitoring servers through Amazon Cloud Watch, SNS.
* Creating and Managing AMIs/Snapshots and Volumes upgrade/Downgrade AWS Resources CPU, Memory, EBS.
* Configuring topics for email and SMS in AWS simple notification services.
* Excelled on creating AMI (AWS Machine Images) that utilizes ELB (Elastic Load Balancer) and Auto Scaling.
* Installed and Setup Web Servers (Apache and Tomcat), DB Server (MySQL)
* Setting up databases in AWS using RDS, storage using S3 buckets and configuring instance backups to S3 bucket.
* Used the AWS-CLI to suspend an AWS Lambda function. Used AWS CLI to automate backups of ephemeral data-stores to S3 buckets, EBS.
* Created alarms in Cloud watch service for monitoring the server performance.
* Good knowledge with cloud formation like **Terraform**.
* Installing Red hat Linux flavor OS, Configuring and binding system with domain.
* Expertise on Version Control Systems **SVN** and **GIT**.
* Create and establish build process using **Maven** to perform builds efficiently and deployment of the application using **Tomcat**.
* Expertise in [Continuous integration](http://www.martinfowler.com/articles/continuousIntegration.html) Tools like Hudson and **Jenkins**. Simulated Jenkins CI Server system for build automation.
* Expertise in Creating automated build and release environment using Continuous Integration Tools Jenkins. Implement Master-Slave concept in Jenkins.
* Configuring Jenkins job with related plug-ins for Testing, Artifactory, and Continuous Deployment to accomplish the complete CI / CD.
* Expertise in setting up of CI/CD process in Distributed environment by defining Build plans, pipelines and workflow to achieve seamless execution of Delivery process.
* Involved in DevOps POC’s by integrating Source controls tools, Build Tools, CI tools and CD tools to start new DevOps services in organization
* RPM package management, installing, upgrading and removing.
* Handling all the aspects of administration tasks such as day-to-day site Monitoring and Maintenance, Installation, Configuration, Deploying Applications on Linux servers
* Experience in creating containers with **Docker**. Experience in build in Docker Image such as Docker File
* Having Experience in creating Custom Docker images using Docker file. And Knowledge over Docker Networking.
* Good knowledge on Docker Swarm, Creating clusters.
* Extensive good experience with code review tool **SonarQube**. Checking code standards, quality and duplication of codes by using Sonar.
* Good experience with artifact management tool like **Nexus**. Stores the project dependencies by using Nexus
* Extensive Good Knowledge with configuration management tool Called **Ansible**
* Configuring and managing web Servers and Application Servers.
* Create play books in Ansible using the YAML scripting syntax.
* Supported development sprints by automating instance provisioning using cloud formation and code deployments using chef, Jenkins, Git.
* Extensive experience with **Shell scripting**. Knowledge on python basics.

### Work Profile:

* Working as DevOps and AWS Engineer with BNP Paribas, from Feb-2018 to till date
* Worked as Build & Release Engineer and DevOps Engineer with Evry India from Aug-2016 to Feb-2018

### Technical skills:

* Cloud Technologies : AWS(Amazon Web Services).
* Version Control Tool : GitLab, Git, SVN.
* Environment : Linux/Windows.
* Container Technology : Docker.
* Configuration Management : Ansible.
* Build Environments : Ant, Maven.
* Web server : Apache.
* Application Server : Tomcat.
* Continuous Integration : Jenkins, Hudson.
* Code review tool : Sonarqube.
* Artifact management Tool : Nexus.
* Monitoring Tools : Nagios, Datadog, IP Lable.
* Scripting Languages : Shell Scripting.

### Project Experience:

**Client** : BNP Paribas

**Duration** : Feb-2018 to till Date.

**Role** : DevOps Engineer.

**Technologies used** : Ansible, AWS, Jenkins, GitLab CI, GIT, Maven, Shellscript, Linux environment, Apache.

**Responsibilities:**

* Creating servers, AMIs, storage blocks in S3, taking snapshots, VPCs, subnets, load balancers and auto-scaling in AWS.
* Installation and configuration of Git, merging code from develop branch to master branch and make it ready for deployment.
* Launching and configuring of Amazon EC2(AWS) Cloud Servers using AMI's (Linux/Ubuntu) and configuring the servers for specified applications using Jenkins.
* Configured and managing security groups and VPC.
* Created and modified users and groups with SUDO permission. Creating users and providing them with suitable permissions.
* Involved in Application performance monitoring with Cloud watch and Load balancing.
* Configuring & maintaining Apache server with High Availability with Amazon elastic load balancer (ELB).
* User and Group Administration of creating, modifying and deleting users and groups and providing the security on user accounts and group. I work closely in monitoring servers in AWS environment using various monitoring tool.
* Maintain Source Control branches, Control engineering team’s access to those branches from time to time depending on the release schedules.
* Maintain Continuous Integration Server, Maintain Jenkins jobs to meet the requirements of engineering team.
* Design, develop and maintain Build and Release management processes and tools.
* Creating application-software builds for development, test, and production environments.
* Coordinate with multiple project teams on the build and release management requirements.
* Responsible for Daily Backup, Scheduling of backup job, Nightly backup setup.
* Making of System/Process Automation through Shell Scripting.
* Involved in Branching, Tagging of code delivery at required releases. Adding Deleting Permissions and Customizing Branching models.
* Automated the backup the Github repository by using crontab. Developing utility scripts to effectively reduce the time and manual effort.
* Creating jar and War files using Maven. Worked Proposed and implemented branching strategy.
* Installation and troubleshooting Git related problems. Co-ordinating with developers and testers for Git related issues. Automated Monitoring of jobs/report runs, schedule verification.
* Part of support team member during releases, Implementations. Responsible for Daily builds, Continuous build and patch builds.
* Responsible for creating the new build setup and new projects using Jenkins
* Responsible for Software Configuration Management, Installing Software and maintaining the Build Environment using Ansible.
* Administered Maven repositories source tree and user account administration, branching, merging, patch fixes, snapshots, and training users on the systems.
* Utilized Linux Admin skills on deployment servers to make sure the servers are up and running and user, group activities.
* Designed and written script for various deployment like QC, IT, Prod
* Responsible for continuous Integration (CI) and continuous Delivery (CD) using Jenkins.
* Periodic generation of reports on releases processed and deployments made
* Responsible for view creations and setting up of config spec according to the project requirement.
* Responsible for creation of Build directory to maintain the Build step Logs.
* Responsible for creating Labels, jobs, nodes in Jenkins. Perform the Local Build & provide the latest Baseline & Branch for the development activity.
* Tracked and deployed technical requirements in projects for the release of software

**Project Name** : Helios.

**Duration** : Aug-2016 to Feb-2018

**Technologies used** : Jenkins, Git, Maven, Shell script, Linux, Tomcat

**Role** : DevOps and Build & Release Engineer

**Responsibilities:**

* Setting up the new build environment for various products in Linux environment Implemented the Release practice and responsible for pushing builds into UAT /Pre-Production/ Production.
* Involved in Deployment of the application using Tomcat.
* Involved in scheduling the automated build called Nightly Builds Simulated Jenkins CI Server system for build automation.
* Interacting with developers to sort out issues related to Build Automation Creating WAR files by using Maven.
* Creating the Jenkins Jobs. Involved in Jenkins and Tomcat Administrator.
* Involved in Git administration. Project involved the usage of maintaining repository and version controlling system.
* Continuous improvement of SCM process. Involved in Branching, Tagging of code delivery at required releases
* Promoting artifacts from one Environment to another Environment. Automated nightly builds for all environments and reporting mechanisms.
* Installation and Configuration of Continuous Integration Tools Jenkins.
* Configuring Jenkins job with related plug-ins for Testing, Artifactory, and Continuous Deployment to accomplish the complete CI / CD.
* Implement Master-Slave concept in Jenkins.
* Provide assistance to clients with the implementation of configuration management, release management and process creation.
* Maintain Source Control branches, Control engineering team’s access to those branches from time to time depending on the release schedules.
* Maintain Continuous Integration Server, Maintain Jenkins jobs to meet the requirements of engineering team.
* Design, develop and maintain Build and Release management processes and tools.
* Creating application-software builds for development, test, and production environments.
* Coordinate with multiple project teams on the build and release management requirements.
* Responsible for Daily Backup, Scheduling of backup job, Nightly backup setup.
* Making of System/Process Automation through Shell Scripting.
* Adding /Deleting Permissions and Customizing Branching models.
* Developing utility scripts to effectively reduce the time and manual effort.
* Creating jar and War files using Maven.