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# PROFESSIONAL SUMMARY

* Having 5+ Yrs of experience as a DevOps Engineer in the fields of Automation, Configuration Management and experience as a Devops Engineer.
* Extensive experience in designing and implementation of **CI/CD** and DevOps processes for esteemed clients.
* Experience in configuration management tool such as Ansible.
* Experience in provisioning, orchestration, configuring nodes and deployment using Ansible.
* Experienced in writing playbooks for installing the packages like Apache, tomcat, MySQL, nginx and etc in Linux machines.
* Expertise in building automated CI/CD pipeline with the help of Jenkins and versioning artifacts using Nexus repository manager
* Configured Jenkins job with Maven build-tool and accomplished continuous deployment by integrating Ansible and Jenkins.
* Automated deployment to various environments like DEV, QA, UAT.
* Experience in creating nodes in Jenkins, which distributes the loads and run the jobs parallel with Jenkins Master-Slave architecture.
* Responsible for maintaining backup and versioning of war/ear file using nexus repository
* Experience in integrating sonarqube with Jenkins for continuous static code analysis.
* Experienced in using Version control system GIT.
* Created branches, performed merges in GIT and GitHub.
* Design highly available and cost effective causing multiple EC2 instances, Auto scaling, Elastic Load Balancer and AMIs.
* Experience with EC2, Cloud Watch, Elastic Load Balancing and managing securities on AWS.
* Experience with VPC, EBS, AMI, RDS, IAM, S3.
* Experience in writing shell scripts to automate tasks for regular usage and system operations
* Knowledge on Puppet Installation and Setup
* Knowledge on Docker files to build the Docker images
* Knowledge on cluster management tool using Kubernetes.
* Have excellent problem solving, time management skills, ability to work independently or as part of a team.Experienced in implementing Organization **DevOps** strategy in various operating environments of Linux and Windows
* servers along with cloud strategies of **Amazon Web Services**
* Experience on containerization technologies -**Docker**.

# EDUCATION

* Completed B.Sc(Computers) from Acharya Nagarjuna University, AP.

**Work Experience: -**

* Working as a Devops Engineer **Quantyum Technology Solutions Pvt.Ltd**, June-2016 to till date.

# TECHNICAL SKILLS

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| --- | --- |
| Cloud Technologies | AWS, Google Cloud Platform (GCP), AZURE |
| Version Control | GIT, GITHUB |
| Configuration Management Tool | Chef, Puppet, Ansible |
| Continuous Integration | Jenkins |
| Virtualization | Vmware |

|  |  |
| --- | --- |
| Container and Orchestration | Docker and Kubernetes |
| Operating System | Windows & Linux |
| Scripting Languages | Shell Script |
| Build Tools | ANT, Maven. |
| Artifact Repository | Nexus |
| Webserver | Apache Tomcat |
| Application server | JBOSS, Weblogic |
| Database | Oracle, MySQL, MONGO DB |
| Messaging Platform | Apache Kafka, Rabbit MQ. |
| Other Tools | Apache Zookeeper, Oracle ATG commerce business suite, Service-Now |

**PROFESSIONAL EXPERIENCE**

**Project # 3 :** ABBOTT & A Part of COE Team.

**Role :** Devops Engineer

**Environment :** GIT, Maven, Jenkins, Docker, Ansible, JIRA, AWS,CI/CD, GitHub, Kubernetes ,Terraform

# Responsibilities:

* Responsible for Environment Management and deployment automation, provision the infrastructure of windows and Linux environments. In addition, developing and supporting day to day release builds and deployments, improving existing infrastructure and services with upgrades, and consolidate existing tools.
* Involved Build Infra on Aws.
* Implemented elastic bean stack.
* Implemented Application load balancer.
* Manage and configure AWS services as per the business needs (ELB, EC2, S3, Cloud Watch, IAM, VPC.
* Creating snapshots, AMIs, Elastic IPs and managing EBS volumes.
* Configure horizontal scaling: Scale in and out using Auto Scaling, add and remove instance as needed to handle the growing workload.
* Designed CI/CD processes in the context of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools.
* Configure jobs and pipelines using Jenkins. Troubleshoot problems arising from Build failures and Test failures.
* Involved in Code migration activities from CVS to Mercurial and Subversion to GIT.
* Implementation of new build and deploy tools & Process to make smooth pipeline transition from Dev to Production.
* Specialized in automating tasks and process through scripts, implementing branching models, implementing.
* Rolled out puppet to all servers, and used the puppet database to drive host configuration, DNS zones, monitoring.
* Written the puppet manifest to build the configuration on the agent nodes.
* Managed yum/apt build system and package repositories.
* Administrating the 100’s of servers and multiple repositories for releases and check performance to reduce the time taken in each activity.
* Build, Configure, Manage and Coordinate all Build and Release Management activities.
* Developing build and deploy tools to make smooth pipeline transition from Dev to Production.
* Upgrading Jenkins and deploy on Tomcat on the existing applications.
* Implemented parallel deployment successfully on the Jenkins.
* Application administration activities in a Business Objects, Web logic and Web sphere STE (Shared technology Environment). Tasks included planning, installation, configuration, deployment and management of platform suite installations and applications built on J2EE technologies.
* Deployment of the Business processes by creating JAR, WAR and EAR files to WebLogic Application Server
* Used and Administered Continuous Integration tools Jenkins.
* Built, configured and supported Application team environments.
* Maintained and upgraded Jira issue tracker, Sonar code review tool.
* Experience Installing, configuring and upgrading Web logic, Tomcat & web sphere application server.
* Implemented & maintained the branching and build/release strategies utilizing Subversion and GIT.
* Used Ant, Maven as a build tools on java projects for the development of build artifacts on the source code.
* Managed Version Control Subversion (SVN) and Bit bucket Enterprise and Automated current build process with Jenkins with proposed Branching strategies to accommodate code in various testing cycles.
* Configured local Maven repositories and multi-component Ant projects with Nexus repositories and scheduled projects in Jenkins for continuous integration.
* Establishing standards for build artifact management and build configuration. Documentation of change management and best practices.
* Coordination of code merges and deployments with DEV and QA teams. Collaboration with Development, QA and other teams to ensure a smooth transition of deliverables through proper release channels.

**Project #2 :** Northern Trust

**Role :** Software Engineer.

**Environment :** GIT, Maven, Jenkins, Ansible, CI/CD, AWS, Docker, Linux, Tomcat, JIRA.

# Responsibilities:

* Responsible for Build, Deployment apps into SIT, QA, UAT, PreProd, and production environments.
* Managing source code, change control, configuration management, build and deployment activities, and Setup Build & Release mechanism for new product lines.
* Creation of GIT branches, merging branches, granting permissions to the users.
* Locking branches, performing changes that are related to application configurations, and pushing changes.
* Managing and syncing up parallel applications/ releases in multiple environments. Implement an automated build using Jenkins from scratch.
* Responsible for the setup and ongoing maintenance of GIT
* Merging developer branches to Release/Integration branches.
* Designed and implemented a Continuous Integration process using tools like Jenkins with approval from development and other affected teams.
* Package the binaries as per the requirement.
* Manage Build and Release requests using Jenkins.
* Responsible for the setup and ongoing builds in Jenkins.
* Installing Plugins in Jenkins as per project requirements.
* Involved in deploying WARs/EARs into Weblogic Application Server using console and Scripts.
* Starting, stopping, Restarting Servers and applications based on the user requests and to troubleshoot problems.
* Creating the INC’s, following up closely to bring the tickets to the closure within SLA.
* Maintaining Maven Pom.xml and properties files.
* Defined processes to build and deliver software baselines for internal as well as external customers.
* Configuring Slaves in Jenkins.
* Scheduled different automated Builds to run in the off-hours.
* Research the project application architecture to support/resolve build, compile, and test issues/problems.

**Project #1 :** AVIVA INDIA.

**Role** : Build & Releae engineer

**Environment:** GIT, Maven, Jenkins, Red Hat Linux, Tomcat, Weblogic.

**Roles and Responsibilities:**

* Installed and configured **Git** and communicating with the repositories in **GitHub**.
* Creating branches and tags using **Git**. Installing plugins in Jenkins as per project requirements.
* Monitoring daily builds using continuous integration tool **Jenkins**.
* Integrating **sonarqube** with **Jenkins** for continuous static code analysis
* Experience in taking the backups in Jenkins using backup plugins.
* Automate the **Maven** build Process Using Jenkins.
* Deploying the **JAR / WAR** files in **Tomcat app server**.
* Verify Deployments logs to check for successful deployments.
* Performing deployments to multiple environments like **Dev, QA,** & **UAT** environments.
* Configured **Jenkins** job with Git and maven for generating artifacts.
* Verifying the logs if build fails.
* Created shell scripts and updated the scripts as per the requirement.
* Performed installation & configuration of **tomcat** application server.