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**work Profile**

* Working as **Sr.DevOps Engineer** in **Congizant** **Technology Solutions Pvt Ltd** from Feb 2015 to till date.
* Worked as **Software Engineer** in **Anjusoft India Pvt Ltd** from May 2012 to Jan 2015.

**Academic background**

* B.Tech(CSE) from JNTU, Anantapur in 2011.
* DCME from GIPDCE&T, Triupati in 2008.

**Technical SUMMARY**

* Having 8 years of experience in IT industry comprising of Development.
* 5+ Years of experience as Build and Release Engineer (DevOps) with expertise in Implementing Build automation, continuous integration and Automated Build and deployment.
* 2.9 Years of experience as Developer in C#.Net.
* Hands on experience in Docker CI/CD Pipeline by using Jenkins.
* Hands on experience in automating CI & CD pipeline by using Jenkins tool.
* Experience in Installing, Configuring and Administration of Jenkins in Linux machines.
* Expertise in trouble shooting the problems generated while building, deploying and also in production support.
* Experience in using Git, Maven, Jenkins, Ansible, Docker and AWS services which will reduce the effort of developers and operation teams in performing maintenance and daily operation.
* Experience in using Version control systems like GIT.
* Experience in using Build Management tools like Maven.
* Developed and maintained end-to-end build scripts like build.xml, pom.xml for packaging the enterprise applications with Maven.
* Have strong knowledge of automating deployments into various release environments like QA, UAT, Staging and Production.
* Maintained local team repositories and Organization's central repositories for Maven.
* Experience in JFrog Repository in storage and for downloading artifacts for deploying it to applications and for testing.
* Integrated JFrog Repository to Jenkins tool by adding its credentials.
* Integrated Sonarqube with Jenkins for continuous inspection of code quality.
* Experience in Configuration Management Tool like Ansible, writing playbooks, creating roles and reusable play books.
* Experience in writing play books for installing the packages like Apache Tomcat, application related artifacts in Linux machines.
* Experience in writing shell scripts to automate the administrative tasks and management using cron.
* Supported Deployments into PROD & Pre-Prod environments with multiple Application server technologies Apache Tomcat.
* Good knowledge over creating and maintaining the infrastructure on AWS services such as EC2-Instances, AMI, IAM, ELB, EBS, S3,Auto-scaling,VPC,Route 53, CloudWatch, Cloud Trail, SNS, SQS, ASG, CFT, Lambda and ECR
* Experience on automating build and deploy Java applications to different environments like Dev, QA, BETA and STG by using Ansible and Jenkins.
* Managed environments DEV, QA, BETA and PROD for various releases and designed instance strategies.
* Experienced in Writing Python script for AWS resources.
* Hands on experience on creating users and groups using IAM and assigned individual policies to each group.
* Experienced on configuring the VPC and configured the subnets and provided the internet access to the instances.
* Deployed AWS resources using Terraform.
* Used the Cloud watch to create the alert for the Instances and ELB and achieves on time decommissioning using cloud watch.
* Extensive experience in analyzing of large dataset into S3 bucket from various LOB.
* Hands on Cloud based data movement and processing using AWS services for automatic data orchestration
* Hands-on experience with Amazon S3, IAM, Amazon Elastic Load Balancing, Auto Scaling, opsinsight, lambda, CloudWatch, SNS, SES, SQS and other services of the AWS family
* In depth knowledge in S3 and IAM.
* Strong presentation skills with the ability to take very technical concepts and present them to technical teams.
* Excellent client relation skills and the drive to complete tasks effectively, and efficiently where customer service and technical skills are demanded.
* Strong trouble-shooting and debugging skills and ability to handle multiple tasks and can work independently as well as in a team.

**Technical Skill Set**

|  |  |
| --- | --- |
| Platforms | Red Hat Linux, Windows |
| Scripting Languages | Shell scripting, Groovy Scripting and Python |
| Build and CI Tools | Maven, Jenkins |
| **Version Control Systems** | GIT, GIT HUB, Bit Bucket |
| **Configuration Management** | Ansible |
| **Code Quality Tools** | Sonarqube |
| **Artifactory Repository** |  Jfrog |
| **Application Servers** | Apache-Tomcat |
| Cloud Computing | Amazon Web Services (EC2 , ELB, S3, IAM, Route 53, CloudWatch, Cloud Trail, SNS, SQS, ASG, CFT, Lambda, ECR). |
| DevOps Tools |  Jenkins pipeline |
| Containerization/Virtualization | Docker |
| Configuration Tools | Terraform |
| **Ticketing Tools** | Service Now, |
| **Bug Tracking Tools** | JIRA, Confluence |

**Certification**

* AWS Certified Sysops Administrator - Associate
* AWS Developer Services for CI/CD – By Cloud Academy.

(Credential URL: https://www.credential.net/bsbr3gjh)

**Professional Experience**

1. **S&P Global Jun ’19 to till date**

**Role:** Devops Engineer

**Organization:** **Cognizant Technology Solution Pvt Ltd**

**Environment:** Java, Git, Maven, Jenkins, Groovy Scripting, Cloud Computing (AWS), Sonarqube, JFrog, Docker, Ansible, Shell Scripting, Apache tomcat.

**Roles and responsibilities:**

* Maintaining the source code in GIT HUB for various applications.
* Installing and configuring GIT, Maven, Docker and Ansible though Jenkins for Deployment and automation.
* Automating build process for creating JAR/TAR/WAR artifacts using Maven.
* Involved in editing the existing Maven files in case of errors or changes in the project requirements.
* Using Jenkins as a Continuous Integration and continuous delivery tool for automation of daily process.
* Responsible for the Plug-in Management, User Management, Build/Deploy Pipeline Setup and End-End Job Setup of all the projects.
* Installed and configured Jenkins for continuous integration and performed continuous deployments.
* Integrated GIT into Jenkins to automate the code check-out process.
* Configured the Jenkins Job using Jenkins job builder
* Configured the Jenkins Job through DSL Plugins
* Developed Build/Deploy Pipeline setup using Jenkins Pipe line, Jenkins shared library
* Integrating Sonarqube with Jenkins for static code analysis
* Generating the Sonarqube reports for the individual modules of the maven project.
* Involved in installing Jenkins on a Linux Machine. And creating a Master and Slave configuration to implement multiple parallel builds through a build.
* Integrating JFrog with Jenkins to store artifacts
* Deploying the stored artifacts from JFrog the to the corresponding environment using Ansible playbooks.
* Created and maintained the Shell deployment scripts for Tomcat Server/Tomcat web application servers.
* Created Upstream and Downstream CI/CD Implementation.
* Using Configuration management tool Ansible for configuring multiple servers.
* Created Docker CI/CD Pipeline, Building docker images and pushing it to ECR. Deploying the Docker images into ECS in AWS.
* Finally reach continuous delivery and Build with AWS.
* Responsible for pushing builds into QA/BETA/Pre-Production.
* Documented process documents for Jenkins, Git Hub, CD Pipeline and Code deployment guide for Developers, Testers and Production Management.
1. **Capital One Sep ’18 to Jun ’19**

**Role:** Devops Engineer & Cloud Engineer

**Organization:** **Cognizant Technology Solution Pvt Ltd**

**Environment:** Git, Jenkins, Jenkins Pipeline, Cloud Computing (AWS), Python (Boto3), JFrog, Terraform

**Roles and responsibilities:**

* Created the instance, VPC, ASG, ELB using Terraform.
* Experienced in Writing Python for AWS resources.
* Hands on experience on creating users and groups using IAM and assigned individual policies to each group.
* Experienced on configuring the VPC and configured the subnets and provided the internet access to the instances.
* Deployed AWS resources using Terraform.
* Used the Cloud watch to create the alert for the Instances and ELB and achieves on time decommissioning using cloud watch.
* Created SNS notifications and assigned ARN to S3 for object loss notifications
* Created SNS notifications to subscribe the other AWS accounts.
* Created Jenkins Job for stack updating and SNS topic Subscriptions
* Created the S3 bucket with bucket policy, event and encryptions.
* Created python script for s3 bucket compliant issues, start and stop EC2 instances in non-business hours
* Created the Jenkins job to rehydrate the AMI (EC2 instance) for every 60days using Terraform.
* Created Python Script for policy updating(S3,SNS,etc.,)
* Created Python Script for tag values updating(S3,EC2,SNS,SQS,etc.,)
* Created Jenkins Pipeline script to create EMR and Job Controller.
* Hands on Experience in Datalake concept using S3 as a centralized repository(Big data)
* Extensive experience in analyzing of large dataset into S3 bucket from various LOB.
* Hands on Cloud based data movement and processing using AWS services for automatic data orchestration
* Hands-on experience with Amazon S3, Amazon RDS, IAM, Amazon Elastic Load Balancing, Auto Scaling, opsinsight, lambda, CloudWatch, SNS, SES, SQS and other services of the AWS family
* Hands on experience in 3rd party tools link Nebula, Cerebro, Databricks, Datawise, Dataguise, SDP, and Snowflake.
* In depth knowledge in S3 and IAM.
* Worked on Monitoring tools like pagerduty, Datadog .
* Debugging Spark logs in EMR cluster
* Working on ops-insight tools to find the compliance in AWS services like AMI ageing, Tagging and bucket policy issues, Security groups etc.
* Working with Jenkins tool and CFT for enhancements and updating of existing environment
1. **Abbott Diabetic Care Sep ’17 to SEP ’18**

**Role:** Devops Engineer

**Organization:** **Cognizant Technology Solution Pvt Ltd**

**Environment:** Git, Maven, Jenkins, Cloud Computing (AWS), Sonarqube, JFrog, Docker, Ansible, Shell Scripting, Apache tomcat.

**Roles and responsibilities:**

* Maintaining the source code in GIT HUB for various applications.
* Installing and configuring GIT, Maven, Docker and Ansible though Jenkins for Deployment and automation.
* Automating build process for creating JAR/TAR/WAR artifacts using Maven.
* Involved in editing the existing Maven files in case of errors or changes in the project requirements.
* Using Jenkins as a Continuous Integration and conitnous delivery tool for automation of daily process.
* Responsible for the Plug-in Management, User Management, Build/Deploy Pipeline Setup and End-End Job Setup of all the projects.
* Installed and configured Jenkins for continuous integration and performed continuous deployments.
* Integrated GIT into Jenkins to automate the code check-out process.
* Involved in installing Jenkins on a Linux Machine. And creating a Master and Slave configuration to implement multiple parallel builds through a build.
* Integrating JFrog with Jenkins to store artifacts
* Deploying the stored artifacts from JFrog the to the corresponding environment using Ansible playbooks.
* Created and maintained the Shell deployment scripts for Tomcat Server/Tomcat web application servers.
* Using Configuration management tool Ansible for configuring multiple servers.
* Finally reach continuous delivery and Build clouds with AWS.
* Responsible for pushing builds into QA/BETA/Pre-Production.
1. **Promontory Staff Agumentation Feb ’16 to Sep ’18**

**Role:** Devops Engineer (Build and Release Engineer)

**Organization:** **Cognizant Technology Solution Pvt Ltd**

**Roles and responsibilities:**

* Manage and maintain builds, packaging, deployment and releases with minimal supervision
* Work across teams to understand Build and Configuration Management requirements
* Document and maintain the build process to ensure that it is repeatable and reliable
* Conduct peer review release prior to deployment to meet audit and compliance requirements
* Creating Change Management requests, reviewed and follow up on necessary approvals.
* Ensures all changes are progressed through the lifecycle in a timely and efficient manner to help meet target dates.
* Kept track of all the releases and request of the developers through Infrastructure management tool.
* Responsible for Managing & Monitoring Change Management Records to Install Web Applications, update version controls.
* Managed deploy plans, deployments & tracked test results from UAT to Pre-Prod to Production to Production
* Responsible for build management, build verification & troubleshooting builds for Releases.
1. **DocxOnline July ’13 to Jan ’15**

**Role:** Developer

**Organization:** **Anjusoft India Pvt Ltd**

**Project Description:**

Electronic Document Management (ECM) solution is designed to manage all forms of business information such as: hard copy paper, email, fax, video or any other format. Our solution allows a company to design its own business process workflows and automatically route a document throughdecision making cycle. Our advanced forms designer enables a business to fully automate allstandard business forms and publish these forms on the web. Our sophisticated user interfaceenables a business user to customize how they wish to retrieve and view business information including search, document activities, and reporting.

**Role Description**

* Responsible for functional requirement study.
* Responsible for developing the code, troubleshooting and debugging the application
* Written SQL stored procedures.
* Team Member
1. **Legosys July ’13 to Jan ’15**

**Role:** Developer

**Organization:** **Anjusoft India Pvt Ltd**

**Project Description:**

Leogsys Loan Grading is software for Banks. The fast, innovative loan grading, stress testing, lending compliance and reporting tool from Legosys Solutions. Defining Reports under Board Reports, Compliance Reports, Portfolio Reports and Statement Reports for FastGrade (Legosys) Client.

**Role Description**

* Team Lead
* Design Reports.
* Defining Stored Procedure.
* Bug Fixing.
* Designing Database Schema.
1. **Docxlogic May ’12 to Mar ’13**

**Role:** Developer

**Organization:** **Anjusoft India Pvt Ltd**

**Project Description:**

DocXLogic (Electronic Content Management) is a window and web based product deals with electronically Storing and retrieving of documents with automated workflow.

* Search: provides capability to search deposited documents from DocXLogic using index values and full text parameters, User can perform action like edit, modify, delete, version, adding related document.
* Admin: provides capability to configure Directory, Grouping, Indexing and workflow.
* Queue: provides capability to organize document, assign to others users or self-assign documents.
* Package Station: provides capability to the user to send set of documents via mail or fax
* Reports: Provides capability to create reports, Export/Import of Reports Template.

**Role Description**

* Team Member
* Responsible for developing the code, troubleshooting and debugging the application
* Responsible for functional requirement study.