**Nageena**

**Role: DevOps and Cloud engineer.**

**Organization: Company:2u Technologies Pvt Ltd.**

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**PROFESSIONAL EXPERIENCE OVERVIEW:**

* 4 + years of Experience in IT include DevOps and Cloud Operations support for Java / node applications.
* Hands on experience in using AWS Services VPC, EC2, S3, EBS, RDS, IAM, SNS, cloud watch, ELB, Auto scaling, Route53, ECS, ECR.
* Infrastructure automation on public cloud platforms AWS using Terraform and automated the terraform template deployments using Jenkins declarative pipeline scripts.
* Experience in setting up and handlingECS faregate deployments.
* Installation and Configuration of Jenkins and Created the Continuous Integration / Continuous Deployment automation Pipelines.
* Good hands on experience in Configuration management tool Ansible. Written Ansible playbooks and roles for deployment automation, patch management for Linux environment servers hosted on cloud.
* Environment setup for Java applications on windows and Linux servers by using tomcat and Apache.
* Build Management for Java application using Apache Maven and ANT. Managed the dependencies using artifact management tool nexus.
* Installation and Configuration of Sonar Qube.
* Installed and Configured Static Code analysis using sonar. Configured the Quality Gates in Sonar and integrated with Jenkins.
* Administrative experience on Linux servers and scripting automation using bash.
* Managing the multiple release deployments to different environments QA, UAT and PROD.
* Used Jira for workflow management and release approvals from the different stake holders.
* Database deployments also managed for different environments from Jenkins.
* Hands Experience Installation and Configuration of Centralized and Distributed VCS systems Subversion (SVN) and GIT (GITHUB and Bit Bucket)
* Worked with Project architects to define branching and merging strategies for multiple application releases for SVN and GIT.

**SKILL SUMMARY:**

* Operating systems : Linux and Windows.
* Scripting Languages : Shell Scripting.
* Infrastructure automation : Terraform.
* Cloud : AWS.
* Application Servers : Tomcat.
* Web Servers : Apache.
* CI Tools : Jenkins.
* Databases : SQL Server.
* SCM Tools : SVN, GIT.
* Build Tools : Maven.
* Artifact Management : Nexus.
* Code Coverage : Sonar Qube.
* Development Methodologies : Agile.
* Bug tracking tool : JIRA.
* Container technology : Docker.

**EDUCATION:**

* MCA (Computers) from KRISHNA UNIVERSITY 2014.

**PROJECT SUMMARY:**

**Project: VPAS (voice portal).**

**CLIENT: Verizon.**

**DOMAIN: Telecom.**

**ROLE: DevOps Engineer.**

**Environment: Git, Maven, Jenkins, Ansible, Terraform, AWS, Web sphere, tomcat, Centos, windows, Docker.**

**Contributions:**

* Worked on ECS infra automation using Terraform modules.
* Automated the micro service deployments to ECS fargateusing CI and CD pipeline scripts.
* Infrastructure automation on cloud AWS using Terraform and Automated terraform template deployments via Jenkins pipeline scripts.
* Worked with Development teams and Project architects for containerization of multiple micro services.
* Hands on in setup of AWS ECS faregate cluster setup and task definitions, service setup to deploy the micro services.
* Automated image deployment to ECS faregate using Jenkins pipelines.
* Environment setup on AWS by using the services VPC, EC2, Storage management using EBS, Identity Access management (IAM USER’s and IAM Roles) and monitoring of cloud resources using AWS Cloud Watch.
* Hands experience in configuring the domains using records available in route53 service.
* Worked on AWS simple storage S3 and maintained the lifecycle management for s3 and encryption.
* Load balancing and auto scaling setup for prod environments hosted on AWS.
* Configured freestyle jobs and pipelines jobs in Jenkins. Configured scripted pipeline jobs in Jenkins for ECS deployments.
* Designed and maintained code repositories in GITHUB and defined workflows as per the release process.
* Installation and Configuration of SonarQube. Integrated the SonarQube with maven to perform the code analysis.
* Responsible for Code merging using GITHUB pull requests and Conflict resolutions.
* Worked Pivotal tcserver installation and configuration.
* Worked on Build automation using Maven and artifact management using Nexus.
* Defined the approval process for higher level environments UAT and PROD through the Library Control System.

**PROJECT2: Verizon Innovative Learning.**

**Domain: Telecom.**

**Role**: Configuration Engineer.

**Contributions**:

* Environment setup on Cloud AWS and On-prem environments for Agile releases.
* Responsible for Code promotion DEV to QA, SIT to UAT, and UAT to PROD as a library control team.
* Coordinated with dev teams and BA teams to perform the pull requests across different branches and builds schedule to the environments.
* Administrated the Linux servers as part of environment setup.
* Worked with internal Wintel teams to build the new VMs to setup the environments
* Linux and Windows environments administrative support on daily basis.
* Coordinated with software development teams and QA teams on issues and resolved the problems.
* Performed the detailed monitoring on servers for space, CPU, RAM, identify the process and kill if there is high consumption on specific processes.
* Automated the manual tasks using script and scheduled from Jenkins by running periodically.
* Experience Installing, configuring, and upgrading Tomcat & web sphere application server.
* Used Ant, Maven as a build tools on java projects for the development of build artifacts on the source code.
* 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.