**Goru Santosh Rahul**

**Summary**

* Over 3.3 year of Experience in DevOps, Both Public and Private Cloud and Java Application Development.
* Extensive experience in the design and implementation of fully automated Continuous Integration, Continuous Delivery, Continuous Deployment pipelines and DevOps processes for Agile projects across the Financial and Broadcast
* Adaptive to Cloud Strategies based on AWS
* Technical knowledge on EC2, IAM, S3, VPC.
* Detailed technical knowledge and hands-on experience of DevOps, Automation, Build Engineering and Configuration Management
* Strong use of Shell scripting languages including BASH for Linux.
* Ability to learn new concepts and adapt to new environments.

**Experience**

* HCL Technologies September 2018 – Till Dated
* Xavient Information Systems India Pvt. Ltd July 2015 – August 2018

**Key skills and experience**

**Languages : Java, Shell scripting, Maven**

**Version Control : Git**

**Source Code Management : Bitbucket, GitHub, GitLab**

**Configuration Management : Ansible**

**Automation/Build : Jenkins, Docker, Nexus, GitLab (CI/CD Basic Idea)**

**Testing tools : SonarQube, Junit**

**App/Web Servers : Tomcat, JBoss**

**Virtualization : Docker, Amazon, Kubernetes**

**Platforms : Linux and Windows**

**Security Tools : OWAPS, Sonar IQ Server.**

* Designing and implementing Continuous Integration, Continuous Delivery and Continuous Deployment pipelines for a range of projects and environments including Middleware, iOS and Android
* Experience in managing the Jenkins Jobs using Jenkins pipeline scripts and keeping the pipeline code “**DRY**” with shared libraries.
* Automating environment build and provisioning using virtualization, containerization and orchestration tools with Docker, AWS.
* Experience in Securing the Devops tools by enabling **“HTTPS”** for secure communication.
* Experience using, managing, implementing and automating a range of Version Control systems including Git
* Setup and managed EBS Volumes and EIP to EC2 Instances.
* Proficient in AWS services like VPC, EC2, S3, ELB, AutoScalingGroups(ASG), EBS, RDS, IAM, CloudFormation, Route 53, CloudWatch.
* Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
* Used AWS Beanstalk for deploying and scaling web applications and services developed with Java.
* Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
* Proficient in writing Cloud Formation Templates (CFT) in YAML and JSON format to build the AWSservices with the paradigm of Infrastructure as a Code.

**Career Profile**

**HCL Technologies September 2018 – Till Dated**

**Project 1# ERS-ET1-Technology Office-DevOps September 2018 – Till Dated**

**Project : Devops**

**Location :** Noida, India

**Role :** Lead Engineer.

**Environment :** Jenkins, GitLab , Docker, Java , Nexus , Maven, Sonar Qube , AWS.

**Responsibilities**

* Admin for Jenkins.
* Creating builds in Jenkins using Jenkins Pipeline.
* Migrating GitLab Groups and Projects from one server to another server.
* Creating Jenkins shared Libraries for utilizing the same libraries for all kinds of builds.
* Managing Docker images and publish it over Nexus 3 repository.

**Xavient Information Systems India Pvt. Ltd- JULY 2015 – August 2018**

**project 3# Devops : Sep 2017 – August 2018**

**Project : Devops** Services for Unionbank of Califonia, USA (Finance)

**Location :** Banglore, India

**Role :** Devops Engineer.

**Client :** Unionbank of Califonia

**Environment :** Jenkins, Bitbucket , Docker, Java , Appscan , OWAPS , Spring Boot, Nexus , Maven,Sonar Qube , OpenShift , AWS.

**Responsibilities**

* Admin for Jenkins , Bitbucket , Nexus and Sonar.
* Creating CI , Schudule , Snapshot and Release builds in Jenkins.
* Migrating All Projects in MKS Source Code to Bitbucket Projects and creating Repositores in Bitbucket.
* Creating Docker Containes for Users for DEV , TST , UAT , PTE and PRD env.
* Uploading User requested libraries to Nexus PRD and creating Jboss Modules in Nexus.
* Resolving issues faced by the user in Jenkins Builds.
* Working with AWS and HPE people with migrating Devops tools into Public Cloud.
* Having experience in Creating Infrastructure in AWS using Cloud Formation templates.
* Having experiecne in AWS services like EC2 , S3 , EBS , VPC , SNS , Cloud Watch , ELB , EC2 Auto Scaling
* Having experience in Upgradation of Devops tools in Testing level and Production level
* Working closely with Developes to implement Private cloud integrating Micro Services and Openshift.

**project 2# Ma Services: Dec 2016 – Sep 2017**

**Project :** Middleware Services for Dish, USA (Telecom)

**Location :** Banglore, India

**Role :** Software Engineer.

**Client :** Dish Network

**Environment :** Jenkins, Docker, Java , Spring Boot, Maven,Sonar Qube , Artifactory, AWS.

**Responsibilities**

* Developing rest and soap web service using spring ws and Spring mvc.
* Implementing Request/Response model for marshalling/unmarshalling JSON with Jackson libraries
* Implementing Service/Business layer for common business logic
* Implementing Spring Controller endpoints for Restful style API access
* Securing Spring Rest Webservices using OAuth2
* Securing Spring Soap Webservices using Spring-WS(Wss4jSecurityInterceptor)
* Creating and maintaining fully automated CI build and deployment infrastructure and processes for multiple projects
* Using Docker, Jenkins, Kubernetes, Artifactory & GitLab
* Developing Docker images to support Development and Testing Teams and their pipelines; distributed Jenkins, Selenium.
* Working closely with architecture, development, test, security and IT Services teams
* Installing, configuring and maintaining Continuous Integration and automation/configuration management tools
* Created VPC in AWS and managing the security using Public and Private Subnets.
* Created a flow for Blue Green Deployment for Prodection Environment on AWS instance.
* Migrating MicroServices to ServerLess MicroServices in AWS Lambda.

**project 1# Data Grid: JULY 2015 – DEC 2016**

**Project :** ESP DataGrid for Comcast, USA (Telecom)

**Location :** Noida, India

**Role :** Associate Software Engineer.

**Client :** Comcast is world’s largest telecom company operating from USA

**Technologies : Web Services , Spring Boot, Couchbase DB(NoSql) , Spring ,**

**Junit, Mockito , Swagger API ,gradle , JdbcTemplate, Oracle, Mapstruct.**

**Description :** ESP(Enterprise Service Platform) DataGrid is complete enterprise

integration application. It is using to integrate Comcast partner

(biller and billing platform, account and contact management,

Inventory management).

**Responsibilities**

* Migrating legacy code to new spring boot based configuration.
* Developing rest and soap web service using spring ws and Spring mvc.
* Implementing Request/Response model for marshalling/unmarshalling JSON with Jackson libraries
* Implementing Service/Business layer for common business logic
* Implementing Spring Controller endpoints for Restful style API access
* Securing Spring Rest Webservices using OAuth2
* Securing Spring Soap Webservices using Spring-WS(Wss4jSecurityInterceptor)
* Cloud based deployment using cloud foundry.
* Client communication and requirement analysis.
* Sonar setup for code quality management.
* Writing Junit using mockito.
* Converting hibernate query to native query to support Jdbctemplate.
* Swagger implementation for rest web services.
* Writing functional/contract test cases using mocko server.
* Writing performance test in scala.
* Writing integration test.
* Deploying the project to Pivotal Cloud using GOCD tool.
* Involved in deployment for Dev,QA,Int.

**Educational Qualification**

* B.Tech in Electrical and Electronics from Jawaharlal Nehru Technological University - Kakinada in the year 2015 with 63%.

**Awards and achievements**

* Achieved “Pat on the Back” award.
* Known as the “Achiever of the Office”.

**Personal Snippets**

* **Date of Birth** : 01-11-1993.
* **Languages Known** : English, Hindi and Telugu.
* **Passport Number** : K8535966
* **Email** : santoshrahul81@gmail.com
* **Contact No.** : 8186095081

**(Goru Santosh Rahul)**