PRAVEEN SINGAMPALLI

OBJECTIVE

To pursue a challenging and satisfying career in the industry and to prove myself as a dedicated and worthy software engineer in a progressive organization that provides me an ambience to apply and enhance my knowledge and skills and be a member of a team that dynamically works towards the success and the growth of the organization.

EXPERIENCE SUMMARY

- 3 years of experience in development project in DevOps and Cloud technology(AWS)

- Experience in implementing the CI/CD pipeline for java based application using Jenkins and deploying in AWS

- Have hands on experience in creating infra in AWS for the development project through cloud formation scripts

- Experience in launching the application through docker containers/Ec2 instances

- Good Understanding in Cloud formation scripts, analyzing the issue and implementing it

- Have hands on experience in Functional, Integration and performance testing

- Also involved in preparing test cases and technical design documents

- Excellent team member with strong ability to balance project workload

CORE COMPETENCIES

Technologies	-	DevOps, AWS, Core Java
DevOps tools	-	Jenkins, Docker, Archiva, Bit Bucket, Maven, Jfrog, Nexus, Putty, Mobaxterm
Testing Tools	-	Jmeter, BDD Cucumber testing, SonarQube, WireMock server, SOAP UI
Operating Systems	-	Windows, Linux
Programming Languages	-	JAVA (J2EE)
Databases	-	MySQL, DynamoDB

PROFESSIONALEXPERIENCE

- Working as **Senior Systems Engineer** with **Infosys Ltd. Chennai** from 09th May, 2016 to till Date**.**

PROJECT DETAILS

a) **Project Name:** **TOYOTA, USA**

   Domain   : Automobile

   Project Scope:

   Worked as DevOps engineer in developing the infrastructure for Toyota Motor Sales which involved the automation of an entire project which is based on data sharing between dealer and Toyota management system. The Automation started with creating the environment in AWS with Cloud formation scripts and having the ec2 instance where we hosted the docker and inside the docker container we had the Jenkins, SonarQube, Archiva getting hosted. The pipeline was configured for 17 interfaces of TMS and then integrated with the above tools and after the successful build of each interface the final stage was deploying it in AWS ECS. The administrative part of Jenkins was taken care of and based on roles of users in the project the Username and passwords were created. The admin part of AWS was also taken care wherein the security groups of services and I AM roles were managed depending on the permission to be given to users.

   Technologies and Tools: AWS, Jenkins, Maven, SonarQube, Archiva, Bit bucket, Jira etc.

   Duration: Nov 2016- Nov 2017

   Responsibilities:

   - Involved in creating and managing the infra in AWS (VPC, EC2, ECS, DynamoDB, IAM Roles) and hosted the tools like Docker, Jenkins etc.
   - Involved in writing docker files, creating containers, Images and pushing it to docker hub.
   - Involved in creating and managing the CICD pipeline for 17 interfaces.
   - Involved in daily stand-up meetings as a part of Agile Methodology.

b) **Project Name:** **TOYOTA, USA**

   Domain   : Automobile

   Work nature: Devops/Testing Engineer

   Project Scope:

   This project mainly involved the testing activities of the interfaces which acts as an integration layer which includes 17 interfaces through which the dealer can send/receive information to/from TMS systemswere developed and automated by us. Did the functional, Regression, Integration and performance testing all together to give the enhanced services to client. Performance testing involved continuous monitoring of services so as to ensure that the services bare the load at peak time.

   Technologies and Tools: Jenkins, SonarQube, SOAP UI, BDD Cucumber framework, Jmeter etc.

   Duration: Dec 2017- May 2017

   Responsibilities:

   - Involved in creating the test cases and design documents for the project.
   - Sharing of test results on a day to day basis to clients.

- Created the Jmeter scripts for the services to execute load run.
- Involved in BDD Cucumber framework for some of the services and then Integrated with Jenkins Pipeline.

c) **Project Name:** **TOYOTA, USA**

Domain   : Automobile

Work nature: Devops Engineer

Project Scope:

Worked as DevOps engineer in creating the infrastructure in AWS environment and the CICD platform for Toyota Motor Sales which involved the wire mocking of the services with the predefined given data. The project originated as a requirement when the services which were currently acting as medium of data transfer between dealers and Toyota manufactures were actually dependent on the other services from where our services were consuming the data, so whenever the third party services were down the data transfer was not happening. So, in order to overcome this situation, we did the wire mocking of the data and added this as a stage in the Jenkins pipeline and deployed it in AWS ECS.

Technologies and Tools: Jenkins, AWS, WireMock, Bit bucket, Jira

Duration: June 2017 – September 2017

Responsibilities:

- Promoting code from one environment to other environment
- Involved in providing automation ideas from the team.
- Taking the complete ownership of the tasks that I work.
- Working closely with clients and have direct interaction.
- Analyzing application logs in order to determine the possible cause of issues and reporting errors directly to the dev team.

d) **Project Name:** **TOYOTA, USA**

Domain   : Automobile

Work nature: DevOps Engineer/Java Developer

Project Scope:

Working as the Java Developer for the Advertisement application for Toyota Motor Sales. This application has various types of assets in the form of (.png,.jpg,.mov) which are being populated from the backend called ADAM and is being developed so that the dealers and Marketing agencies for Toyota take up these. Build and deployment is taking place by Jenkins and AWS.

 Technologies and Tools: Jenkins, AWS, Java, Bit bucket, Jira, Docker etc.

Duration: October 2017 – Till Date

Responsibilities:

- Understanding the code part and working on the requirement's given by client in the Agile form.
- Daily updating the tasks in Jira and attending the stand up call.
- Involved in pushing the code to the branch and then merging it to master branch in bit bucket and then deploying it through Jenkins in AWS.
- Admin of DEV, QA, STAGE MYSQL databases where supported all the db Updation, backup and inserting data.
- Created REST APIS and integrated with Swagger and deployed through Jenkins in ECS(AWS).

EDUCATIONAL PROFILE

- B E, Electrical Engineering with 85% from ****.

- Intermediate with 93% from Narayana Jr. College, Vizag and 10th with 81% from *****.

DECLARATION

I hereby assure that the above information is true to my knowledge and I will prove to be worthy of your confidence and satisfaction.

Place: Chennai   Signature
Date: May 2019   Praveen