

**Niharika Pokkalla**

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## **Work Experience : 2.5 years**

**Wipro Technologies,**

**Devops Engineer,(11/2018 – till date)**

Skilled DevOps Engineer with hands-on experience supporting, automating, and optimizing mission critical deployments in AWS, leveraging configuration management, CI/CD, and DevOps processes

### **Summary of Skills:**

Configuration Management (CS & CD) Tools	CHEF,ANSIBLE
Version control system (VCS) Tools	GIT
Continous Integration(CI) Tools	JENKINS
: Containerization Tool	Docker
: Software Engineering Methodologies/Tools/Technologies	BMC Remedy,Venafi,Putty,Smartty
Build Tools	MAVEN
Bug Tracking Tools	JIRA
Scripting Language	SHELL SCRIPTING
Operating Systems	WINDOWS,LINUX
Monitoring Tools	PROMETHEUS,GRAFFANA,SPLUNK

### **Projects Handled:**

#### **Project1# (BPM-NIR Microservices)**

Client – Allied Irish Bank.

Role – Devops Engineer

#### Description :

Negative Interest Rates(NIR) are to be applied to customer accounts. The process today relies on technologies including spreadsheets and manual processing of the process steps compiling list of customers, identifying accounts, validation of relationship managers and applying the rates.

#### Responsibilities :

- Working on a project with dev team which runs in Agile fashion delivering services in short period.
- Implementing Eco system with Netflix Eureka, Zuul, Admin Server and Config servers.
- Setup git for the developers to maintain their code.
- Deployment of microservices using Chef and running Jobs in Jenkins from Source code in GIT Stash.
- Configuring VM's to deploy services in it with necessary requirements and basic jobs.
- Deployed Applications and tested using continuous integration.
- Secure exposition of the business process to the external environment with adherence to SOA architectural principles.
- Maintaining release calendar and preparing release docs for deployment.
- Creating change requests using BMC remedy for deploying services in each environment according to calendar.

#### **Project 2#: Apigee (API Gateway)**

Client – Allied Irish Bank

Role : Devops Engineer

#### Description :

This project is used to provide access to bank's internal API's to Third Party Providers(TPP) through Apigee.

#### Responsibilities :

- Deployment of microservices using Chef and Ansible by running Jobs in Jenkins from Source code in GIT Stash at various environments.
- Setting up Grafana and prometheus for monitoring deployed services.
- Maintaining certs of both application and VM's using venafi tool and renewing them before they expires.
- Configuring jobs to clear space by deleting old log files and delete older version of the services.
- Coordinating release to deploy services as per the release calendar.
- Assisting TPP's to register their app in apigee by resolving their queries.
- Creating change requests using BMC remedy for deploying services in each environment according to calendar
- Generating and renewing certs of virtual machines.
- Monitoring for errors on splunk for any type of application errors.

### **Project #3: Devops - Training Project**

#### **Description :**

This is an internal training project provided by wipro to enhance our skills on various digital technologies.

#### **Responsibilities :**

- Developed an ecosystem which includes Eureka, Config and Zuul gateway.
- Used Docker to deploy each service in different docker container.
- Having hands on experience in AWS for creating instance, virtual private cloud, Databases, Identity access management, application services.
- Used maven to create different application formats eg: (.jar, .war etc) adding dependencies to the application.
- Deploying applications using tomcat webserver.
- Configuring plugins and building jobs in jenkins.
- Installing different types of tools on both linux and windows machines.

#### **Education Details :**

- (2014-2018)-Bachelor of Engineering Electronics and Communication Engineering, Sree Vidyanikethan Engineering College, Tirupati, AP. Passed in First class with distinction 8.04 CGPA.
- (2012-2014)-HSC, NRI Academy, Tirupati, AP. – 94%
- (2011-2012)-SSC, Vignana Deepthi School, AP. – 9.5 CGPA

#### **Achievements:**

Got excellence award for Outstanding Contribution in Wipro

#### **Declaration**

I hereby declare that all the details provided above are true to the best of my knowledge.

Thanks & Regards,  
Niharika Pokkalla