Azure DevOps Engineer

G Abhilash Reddy

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# Professional Profile

Process oriented AWS developer associate with 4.5 Years of experience in **DevOps** along with good knowledge in **Agile methodologies**, which involved successful project Experienced in interpreting and analysing the environment in an efficient manner. Having a good knowledge on AWS tools and networking concepts.

**Area of Devops Expertise:** Had a good knowledge in working with chef environment, good experience in usage of **GIT**, **Azure Repos** and **Code Commit** and had a good knowledge in configuring and **Code Pipeline** establishment of **Jenkins**.

# Area of Expertise:

* Around **4+** years of experience in IT sector in Linux administration, build engineering and release management process, building and deploying applications by adopting DevOps practices such as **Continuous development, Continuous Integration (CI)** and **Continuous Deployment (CD)**in runtime with various tools like**Git, VSTS, Docker, Kubernetes**and managing cloud services with **Azure**& **AWS.**
* Experience on complete software development life cycle (**SDLC**) with software development models like Agile, Scrum Model, JIRA, Waterfall models
* Major focus on **Configuration, SCM, Build/Release Management**, **Infrastructure as a code (IAC)**and as **Azure DevOps** operations Production and cross platform environments.
* Experience in setting up **CICD** pipeline integrating various tools with Jenkins to build and run **Terraform** jobs to create infrastructure in Azure.
* Profusely worked on Version control tools **GIT**, **clear case**to track changes made by different people in source code involving concepts like**Branching, Merging and Tags**
* Good knowledge on basics of Azure services and built **Azure DevOps Pipeline**.
* Good knowledge and experience on pipeline for Development, staging, Testing and pre-production environment.
* Administrated and implemented CI tools Jenkins for automated builds, Integrating unit tests.
* Having a good knowledge of application server and DB server.
* List of Azure environments which were having good knowledge such as **Azure Boards**, **Azure**

**Repos**, **Azure storage**, **Virtual machines**, **CI/CD Pipelines** and **Deployment groups** and Cognitive Services etc.

* Hands on experience with JIRA, an issue and project management tracking tool.

**Skill sets**

**Scripting Languages :** Shell Scripting, Basics of Node Js **Operating System :** Unix/Linux, Windows, OS X **Data Base : My SQL, MongoDB**

# Version Management Tools : GIT, Azure Repos and code commit Integration Tool : Jenkins

**Containerization : Docker**

# Monitoring Tool : AWS Cloud Watch Ticket Management tool : JIRA, Azure Boards Cloud Services : AWS, Azure Devops

**Professional Experience**

✔ Worked as a Software Engineer at **Equinordic Systems Pvt Ltd, Hyderabad** From November-2017 to till now.

**Education Details**

**B. Tech (EEE)** – Nisitha collage of engineering and technology, Hyderabad Jawaharlal Technological university - Hyderabad

Year of passing - 2017

Percentage - 60%

**Intermediate** - Narayana Junior college Board of intermediate education

Year of passing - 2012 Percentage – 87.7%

**10th class** – Sri Krishanvani high school Board of secondary education

Year of passing - 2010 Percentage – 70.77%

**Projects**

# Project-1

**Project Name :** ShelfenRoll

**Environment :** GIT, GitHub, Azure Pipelines, Docker, Kubernetes

**Duration :** Sep 2018 to till date

**Role :** DevOps Engineer

# DESCRIPTION:

Shelf Enroll V2 is unique in the Retail Solutions arena to offer the complete convergence of IOT, AI, Tracking and Analytics to support Planogram integrated Dynamic Price updates for every item at each Shelf. Retail Stores of any size can take advantage of some of the most advanced ESL technology available in the Digital Transformation journey for Retail Enterprises - With AI assisted dynamic pricing models, Automated Price Modulation, Content Propagation, notifications for Discounts and Promotions, Adherence tracking and Loyalty Sustenance, shelf level inventory monitoring and full Planogram Compliance

# RESPONSIBILITIES:

* Responsible for configuring the build and release pipelines for Angular applications and Node Application.
* Software Configuration management (Automate CI & CD using Azure Pipelines).
* Automating Azure cloud deployments using Power Shell.
* Experience in build, package and deploy the code.
* Managed Daily Builds and Releases to all the environments and Debugged Build failures and worked with developers and QA people to resolve related issues.
* Verify Deployments logs to check for successful deployments.
* Store the logs of an application to Azure storage(Blob)
* Perform deployments to multiple environments like Dev, TEST and PROD environments.
* Automate the build process using Jenkins Jobs and monitoring daily builds of Angular applications using CI tool Jenkins.
* Implement and troubleshoot Azure Vnets, Vnet peering, Azure AD, storages.
* Troubleshoot and configure Azure VM in order to deploy application in VM.
* Trained development teams on Git usage and helps to pull and push code to and from Azure DevOps, Resolve merge conflicts in visual studio.
* Build, run and push Docker images to Azure Container Registry using Docker files,
* Monitoring of applications using Azure Application Insights.
* Develop, document, and maintain policies, procedures and associated training plans for system administration and appropriate use.

# Project-2

**Project Name :** DockenRoll

**Environment :** GIT, GitHub, Azure Pipelines, Docker, Kubernetes

**Duration :** Sep 2018 to till date

**Role :** DevOps Engineer

# DESCRIPTION:

Dock enroll covers the entire handling workflow from physical handling (export, transfer, import), warehousing, driver, flight routing to invoicing.It thus increases throughput while reducing costs and creating the necessary conditions for optimum customer service. This project provides a self-explanatory representation of the current location and status of a shipment. The Dock enroll project integrates all elements in the transport chain into one coherent, efficient process. Which helps you increase cargo throughput and reduces your handling costs.

# RESPONSIBILITIES:

* Responsible for configuring the build and release pipelines for Angular application and node Application.
* Software Configuration management (Automate CI & CD using Azure Pipelines).
* Automating Azure cloud deployments using Power Shell.
* Experience in build, package and deploy the code.
* Managed Daily Builds and Releases to all the environments and Debugged Build failures and worked with developers and QA people to resolve related issues.
* Verify Deployments logs to check for successful deployments.
* Store the logs of an application to Azure storage(Blob)
* Perform deployments to multiple environments like Dev and UAT environments.
* Automate the build process using Jenkins Jobs and monitoring daily builds of Java applications using CI tool Jenkins.
* Implement and troubleshoot Azure Vnets, Vnet peering, Azure AD, storages.
* Troubleshoot and configure Azure VM in order to deploy application in VM.
* Trained development teams on Git usage and helps to pull and push code to and from Azure DevOps, Resolve merge conflicts in visual studio.
* Build, run and push Docker images to Azure Container Registry using Docker files,
* Develop, document, and maintain policies, procedures and associated training plans for system administration and appropriate use.

# Project-3

**Project Name :** CargoXML

**Environment :**Azure Repos, GitHub, Azure Pipelines, Docker, Kubernetes

**Duration :** Sep 2018 to till date

**Role :** DevOps Engineer

**DESCRIPTION:**

Cargo XML is a web application, which serves as an airline's link to the U.S. Customs Automated Manifest System (AMS). This Web application is developed for the Lufthansa Cargo USA by Turret Labs USA. By using this Application users can electronically send, receive, and

monitor shipment information to and from the US AMS System. Cargo XML contains various modules like AWB data module mainly processes the data related to the airway bills. Flight Tracking System module mainly processes the data related to flight information the administration screen handles all the Carrier, User and Shipper/Consignee Data**.**

# RESPONSIBILITIES

* Responsible for providing access to key users for respective applications in windows VM.
* Monitor and support ECS application which helps to transfer files between various application partners.
* Responsible for managing GIT repositories, handling Branches and Branch Merges for GitHub.
* Automate the build process using Jenkins Jobs and monitoring daily builds of Java applications using continuous integration tool Jenkins.
* Coordinated releases with development and testing teams to ensure systems are ready for code

to be deployed.

* Performing deployments to multiple environments using Ansible.
* Verifying the logs if build fails and verify deployment logs to check for successful deployments.
* Documented all build and release process related item.

# Personal Details

**Date of birth -** Jan 1st, 1995

**Father name** - GNarasimha Reddy

**Marital Status** - Single

**Languages Known** - Telugu, English, Hind

G Abhilash Reddy