# Curriculum Vitae

## Ravi Vemula Email ID: vemularavi301191gmail.com

**Cloud / DevOps Engineer Mobile: +91-8179719983**

## Professional Summary:

* Having total 4+Years of IT experience and working on as DevOps engineer**.** I look forward to connect with organization that can greatly use my potentiality in the corporate scope of Software Configuration Management, Build Management, Deployments, Automation and **DevOps** Methodologies using AZURE and AWs.
* Created Azure CICD using **Azure Pipelines** and worked with **Azure DevOps**.
* Perform deployments to multiple environments like **Dev, QA, UAT, PRE-PROD, PROD**

environments.

* Implemented **CI/CD process** using **Jenkins,MSBUILD** .
* Production experience in large environments using configuration management tools **Ansible** using playbooks and roles.
* Experience in **Version Control Systems** such as **GIT, SVN.**
* Experience in creating images and playing with containers on **Docker.**
* Hands on writing **Terraform** for IAAS in AWS.
* Involved in the functional usage and deployment of applications in **Apache Tomcat Server.**
* Cloud Watch for monitoring server metrics, creating alarms & integrating with auto scaling.
* Excellent communication skills, ability to work as a team or individually, ability to learn new technologies quickly.
* Good interaction with developers, managers, and team members to coordinate job tasks and strong communication to work.
* Experience in Docker building and guiding architecture.
* Generated the SSL certificates for the webapps& API for securing the sites.
* Implemented Prometheus & Grafana tool for monitoring the AKS pods and microservices of it.
* Having the experience with granting the IAM roles & user assigned roles. Have knowledge in setup and configuring Monitoring tool.
* Experience in **branching, tagging,** and **maintaining** the version across the environments working on Software Configuration Management **GIT**.

## Employment Summary:

* Working as a **I park info technologies Pvt.Ltd (March 2018 – till date)** **Educational Qualification:**

## B.Tech(AE) Gurunanak Engineering College Hyderabad -2014.

**Technical Summary:**

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| --- | --- |
| Core Skills | DevOps Tools, Windows, Linux |
| Cloud Platform | Azure,AWS |
| Configuration Management | Ansible, Terraform |
| Build Tools | MSBUILD, Maven |
| Version Control Tools | Subversion (SVN), GIT (GitHub) |
| Web Servers | Apache, Tomcat |
| CI CD Tool | Jenkins, AZURE Build & Release pipelines |
| Languages/Scripts | Shell Scripting,YAML |
| Containerization Tools | Docker, Kubernetes |
| Code quality (continuous inspection) | SonarQube |
| Tracking Tools | Jira, & Service Now |
| Operating Systems | Linux, Windows |

## Projects Details:

**Project 1**

**Project Name : Asurion, Nashville, TN. Role :** Cloud Engineer

**Environment :** Azure, MSBUILD,JIRA,Azure DeOps,Windows,SQL Server.

## Description:

**FedEx** Company, International shipping solutions to suit your business needs. Open an account. Worldwide expertise in delivery services. Open an account & start shipping! Global presence. Advanced shipping tools. Full range of services. Tailored solutions This project involves building of data ware housing for life insurance. The source data comes in different formats like flat files, excel files. The data load into SFDW by using SSIS ETL packages, Reports are developed by using SSRS.

## Responsibilities:

* + Branching, Tagging, Release Activities on Version Control Tools: **GIT, GitHub**.
  + Extensive usage of **GIT** in windows and **LINUX** environment for version control activities.
  + Implemented Continuous Integration & Continuous Deployment (CICD Pipeline) using **MSBUILD**
  + Deployed the java application into web application servers like **Apache Tomcat**.
  + Worked with support tickets for the job failures & adding the micro services for monitoring & deploying if needed.
  + Created Webapp, API, App Service plan, NSG’s, VM,s ,Resource groups on Azure portal by using the Terraform code & created the infrastructure successfully.
  + Attending the daily huddle meetings with the clients & addressing the issues on time.
  + Created various branches from local to Git Hub repo for automation.
  + Created YAML manifests for defining the Instructure settings and executed the corn jobs using bash scripts.
  + Created AKS clusters nodes & worked with terraform for maintain the pods & nodes on different Vm.s
  + Generated the SSL certificates for the webapps& API for securing the sites.
  + Implemented Prometheus & Grafana tool for monitoring the AKS pods and microservices of it.
  + Having the experience with granting the IAM roles & user assigned roles.

## Project 2

**Project Name : Molina Healthcare, Long Beach, CA**

Role : Cloud Engineer

**Environment :** Windows XP, SQL Server 2008R2 and SSRS

## Description:

This project is involved in the development of Data Warehouse for different kinds of Data Marts such as Accounts, Loans, Credit Cards, Insurance, Arrangement, Condition, Event, and Application. Each data mart represents a collection of data pertaining to a single business process. The Client requires different level of analysis regarding loan amount, type of loans, type of customers, type of payment schedules, interest rates (variable of fixed), defaulters list and the penal interest calculations, Credit Payments etc.

## Responsibilities:

* Setting up Jenkins master, adding the necessary plug-in and adding more slaves to support scalability and agility.
* Planning and setting up of Continuous Integration for various properties on Jenkins.
* Setting up commit builds to check for compilation failures of checked-in source code by the developers to accelerate CI.
* Establish CI/CD for trunk and branches to support parallel development.
* Planning the releasing activities and delivering them on schedule.
* Managing nightly builds, weekly builds, feature addition builds.
* Used Ansible yaml files to automate Configuration management & Applications, manage Web Applications, Config Files, Data Base, Commands, Users Mount Points, and Packages
* Build the DCs from server by using DI command tools in batch mode and generate the .ear file
* Created Jenkins pipeline by using SAP provided CLI commands.
* Defined multiple stages in pipeline which are defines activities flow from CI.
* SQL Server Database administration, giving 100% SLA adherence to the customers.
* Mentor and providing training other engineers within the organization and seek to continually improve processes companywide. Working closing with Tech team to main hardware and software needed for projects to be completed efficiently.

## DECLARATION

I hereby declare that information furnished above is true to the best of my knowledge.

Date Ravi.V