

# **VENUGOPAL M**

Mobile:9542508664

E-Mail:mallavallivenu@gmail.com

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## **AZURE DEVOPS Engineer**

### **AN OVERVIEW**

- ✓ Having overall 2.3 years of experience in MICROSOFT AZURE DEVOPS.
- ✓ Working as Azure Devops Engineer with around 1.8 years of experience.
- ✓ Azure Devops Build & Deployment automation, Continuous Integration& Continuous Delivery in on Premises to Azure Environment.
- ✓ Having hands on experience on Docker and Kubernetes in Azure.
- ✓ Having hands on experience on creating azure resources using terraform and ARM template
- ✓ Experience in Agile methodology.
- ✓ Worked on Branching and experienced in creating Pull requests using Azure repos and as well as Git.
- ✓ Having Good Knowledge in automating, building, deploying,configuring process and release management.
- ✓ Executing builds and troubleshooting, Interaction with developmentand QA teams.
- ✓ Deployment Automation for all in-scope applications – DotNet, Java, Python and NodeJs.
- ✓ Proficient in supported for Prod and non-Prod (Dev,UAT, Prod) deployments.
- ✓ Configuring and managing Virtual Machines using portal,CLI,using ARM template and Terraform.
- ✓ Designed Network Security Groups (NSGs) to control inboundand outbound access to network interfaces (NICS), VMs andsubnets
- ✓ Have involved in all phases of software development and maintenance life cycle.
- ✓ Team Lead with excellent communication, planning, analytical and organizational skills.

### **EDUCATION**

- Bachelor of Technology in NRI INSTITUTE OF TECHNOLOGY.VIJAYAWADA.

### **TECHNICAL PREVIEW**

Tools	: Service Now(INCIDENTS AND CHANGE REQUESTS).
Operating System	: Windows, Linux
Scripting	: Power Shell, Azure CLI,Docker CLI,Kubectl CLI,GIT CLI.
Cloud	: Azure
CI/CD	: Azure Devops
Container	: Docker
Container Orchestration	: Kubernetes
Design Tools	: MS Visual Studio 2019

P1 □ CRITICAL 30 MINS

P2 □ SLA-4 HOURS □ 30 MINS ASSIGNED

P3 □ 2 BUSINESS DAYS

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## CAREER RECORD

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Currently working as DEVOPS Engineer with **TCS** , from December 2021 to till date.

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## PROJECT EXECUTED

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<b>Title</b>	<b>: Humana</b>	<b>Feb '18 – Till Date</b>
<b>Client</b>	<b>xxxxx</b>	
<b>Role</b>	<b>: Azure DevOps Engineer.</b>	
<b>Technology Used : Kubernetes,Docker, Azure Portal, MS Visual Studio 2019,GIT Hub,Power Shell.</b>		
<b>Environment :Development, Production Environment and System Integration Testing (SIT)</b>		

**Scope:**

Humana Inc. is a for-profit American health insurance company based in Louisville, Kentucky. In 2023, the company ranked 42 on the Fortune 500 list, which made it the highest ranked (by revenues) company based in Kentucky. It is the fourth largest health insurance provider in the U.S.

**Roles performed:**

- Azure Devops Build & Deployment automation, & Continuous Integration Continuous Deployment in on Premises to Azure Environment.
- Creating the branching and merging strategies for the development using version control system Git.
- Experience in running GIT commands in GIT CLI to push and pull the code to/from GIT Hub to/from local registry.
- Used VSTS to clone the Azure Repos and Git Hub Repos to local registry and push back to remote registry.
- Creating variables in YAML files used in Azure Devops release pipeline instead of Hard coding.
- Creating Resources in Azure using ARM templates and Terraform.
- Created VM,Storage Account,Virtual Network,App Service,Container Registry,Kubernetes Services using Portal.
- Created CI/CD pipelines using YAML files in deploying the code in the Web Applications in multiple environments where the source is Azure Repos and Github.
- Used docker to run the commands in docker CLI to build the image based upon the docker file and push the built image to Azure Container registry.
- Used YAML files to automate the building the image based upon the code, pushing to ACR and Deploying in Webapp's.
- Having experience in running Kubernetes commands using Kubectl to get the details of pods, nodes, deployments, and services.
- Using Helm Charts, ran YAML files to deploy the deployments and Services in Kubernetes environment in a specific namespaces.
- Created resources using Power shell Script.
- Supported Scrum Master in Azure boards for creating work items(EPICS,FEATURES,BACKLOG PRODUCT ITEMS, TASKS) and track the status of project task.
- Created build and release pipelines in Azure DevOps and did deployment to multiple platforms by implementing CI/CD YAML files.
- Setting up pre and post deployment approvals USING SERVICE NOW before deployment to multiple stages in Release pipeline.
- Worked with Developers in case of issues occurred.
- Technology used in project is VSTS.