

# MadhavaReddy BANDI

## System Engineer



2 Years 8 Months



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madhavareddybandi8@gmail.com



## Key skills

- linux admin
- PL/SQL
- GIT
- GITHUB
- APACHI TAMCAT
- Docker
- Kubernetes
- Helm
- Github Linux
- Ansible
- Jenkins
- Scripting
- Bit Bucket
- Shell
- Automation
- Devops Methodologies
- Troubleshooting
- Configuration Management
- CI/CD
- Terraform
- Pipeline
- Python
- Azure



## Personal Information

City **Hyderabad**

Country **INDIA**



## Profile Summary

As part of migration to cloud, need to collect necessity information related to hosted applications on-premises. Responsible for End-to-End service dependency mapping of applications along with the encryption. Based on the on prem, need to prepare a draft design to in-flow the overall migration process to azure cloud. Created recommendations on how to duplicate a subset of on-premise machines to the Azure Infrastructure as a Service (IAAS) offering that will be used for disaster recovery. Configure Continuous Integration from source control, setting up build definition within azure Devops and configure continuous delivery to automate the deployment of migrated applications to Azure. Implemented a CI/CD pipeline with, Azure DevOps. Worked with Terraform Templates to automate the Azure infrastructure deployment, IaaS using terraform modules and deployed in prod, non-prod, and Dev environment. Education Managed Azure Infrastructure Azure Web Roles, Worker Roles, VM Role, Azure SQL, Azure



## Education

B.Tech/B.E., 2021

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA



## Work Experience

Mar 2022 - Present

System Engineer

Infosys

I have 2.8years experience as a DevOps Engineer with expertise in Configuration Management, CI/CD, Cloud, and DevOps methodologies. Skilled in troubleshooting build and deployment issues. Proficient in Git, GitHub, Jenkins, Azure Cloud, and Azure DevOps. Experienced with Docker, Maven, and containerization. Adept at integrating unit tests and code quality analysis tools. Familiar with AWS services and automation. Strong in scripting with Shell, PowerShell, and Ansible. Capable of quick skill acquisition.

- Having good experience on Version control tool i.e. Git, Bit bucket and source



## Languages

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- Telugu
- english

- control management concepts like Branches, Merges and Tags.
- Knowledge in Creating repositories in GIT, user addition, granting access to users and maintaining the repository with respective to branching strategies.
- Experience in configuring and updating the servers using configuration management tool like Ansible. Good exposure in creating Playbooks and roles for configuring software packages.
- Knowledge in creating development, testing and production environments using Docker Compose.
- Good exposure in creating custom Docker Images using Docker file and pushing Docker Images to Docker Hub.
- Expertise in Architecting and Implementing Azure Service Offering, such as Azure cloud services, Azure storage, IIS, Azure Active Directory (AD), Azure Resource Manager (ARM), Azure Storage, Azure Blob Storage, Azure VMs??? etc.
- Hands on experience on Backup and restore Azure services and configure Azure Virtual Networks (VNETs), subnets, Azure network settings, DHCP address blocks, DNS settings, security policies and routing, Azure cloud services, Blob storage, Active directory
- Expertise in Azure Scalability and Azure Availability - Build VMs availability sets using the Azure portal to provide resiliency for IaaS based solution and Virtual Machine Scale Sets (VMSS) using Azure Resource Manager (ARM) to manage network traffic.
- Experience in migrating on-premises applications to Azure and configured VNETs and subnets as per the project requirement Deployments in Azure.
- Knowledge of Azure Site Recovery and Azure Backup Installed and Configured the Azure Backup agent and virtual machine backup, Enabled Azure Virtual machine backup from the Vault and configured the Azure Site Recovery (ASR).
- Implemented a CI/CD pipeline using Azure DevOps(VSTS, TFS) in both cloud and on premises with GIT, Docker Jenkins plugins, Experience in Configuration management tools ??? Ansible.
- Experience in writing Infrastructure as a code(IAC) in Terraform, Azure resource management, Immutable images build by using packer tool.



## Projects

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9 Months

**bank**

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Education

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