B. Venu Gopal Reddy

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**Professional Summary:**

* Having 4+ years of IT experience in Cloud & DevOps engineering with exclusive hands-on experience in Azure DevOps and Jenkins.
* Expertise in the creation of CI/CD (Build and Release) pipelines using Azure DevOps, Repos
* Experience in using Terraform (IaC) to create resources in Azure cloud.
* Experienced in verifying the deployments in the Azure Kubernetes Services.
* Visualizing the data through the Marvel dashboards in Kibana.
* Having hands-on experience with Amazon Web Services (AWS).
* As an SRE, responsible for performing Ops work as well as understanding development needs and support accordingly by having continuous coordination with Development and R&D teams.
* Knowledge of building and troubleshooting CI/CD pipelines.
* Having knowledge of . net as well as.
* Experience in Virtual Machines, Virtual Networks, Azure App Service, Azure Functions, Service Bus, Azure Kubernetes Service, Azure Container Registry, APIM, Terraform.
* Creating automation accounts to stop the VM based on the CPU utilization to save cost.
* Coordination and communication within the team and with clients and end users.
* Experience in Csharp.
* First-rate analytical and problem-solving skills dedicated to maintaining high-quality standards.
* Monitoring the processes during the entire lifecycle for its adherence and updating or creating new processes for improvement and minimizing the wastage
* Good experience in Jenkins to automate the code build and deploy process for Java-based applications
* Developing timelines and schedules for the completion of the project
* Supporting projects, including scope management, quality management, resource management,
* schedule management, communications management, and Cutover Management
* Skilled in building a plan for project success and executing strategies that generate quantifiable results
* Managing periodic reporting on the progress of the management and the customer.
* Identify and resolve project issues and manage project risk.
* Responsible for E2E completion of a Project including all five phases Diagnose, Implement, Embed & Grow, Governance & Closure of project.

**Technical Skills:**

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| --- | --- |
| Data Storage | SQL Database, Storage (Blobs, Tables, Queues, Files and Disks) |
| Networking | Virtual Network, Point to Site, VNet to VNet, Site to Site,  Load Balancer, DNS, VPN Gateway, Application Gateway |
| Identity & Access Management | Azure Active Directory, Azure Identity |
| Cloud Services | ARM, Azure Management Studio, Azure Site Recovery, Powershell |
| Devops Tools | Azure Devops, Jenkins, VSTS, Docker, Terraform, Kubernetes, Ansible, Git |
| Operating System | UNIX, LINUX, and Windows |
| Webservers | Nginx |
| Monitoring Tools | Azure Monitoring |

**Professional Experience:**

**Project# 1**

**Project Name**: British Petroleum

**Description:**

BP p.l.c. (formerly The British Petroleum Company p.l.c. and BP Amoco p.l.c.; stylised bp) is a British multinational oil and gas company headquartered in London, England. It is one of the oil and gas "supermajors" and one of the world's largest companies measured by revenues and profits. It is a vertically integrated company operating in all areas of the oil and gas industry, including exploration and extraction, refining, distribution and marketing, power generation, and trading.

**Roles & Responsibilities:**

* Checking logs in case of job failure and long-running of jobs.
* Develop shell scripts for daily repeated tasks.
* Document repeated issues and discuss with developments, incidents, and problem management teams to avoid occurrences in the future.
* Experience in Virtual Machines, Virtual Networks, Azure App Service, Azure Functions, Service Bus, Azure Kubernetes Service, Azure Container Registry, and APIM.
* As an SRE, responsible for performing Ops work as well as understanding development needs and support accordingly by having continuous coordination with Development and R&D teams.
* Manage post-mortem review process of incidents
* Outage management – Incident Calls with Regional Incident Managers.
* Respond to Production problems, troubleshoot, and solve user issues
* Provide up-to-date status reports on the outage and overnight batch streams, and user issues.

# Project# 2

**Project Name: Cardinal Publishers**

**Description:**

Cardinal Publishers Group is dedicated to achieving excellence in distribution services for our client publishers and providing first-rate customer care to the individuals and corporations that buy our publishers’ books. We understand that effective national book distribution is all about the services we provide to both our customers and our clients.

**Roles and Responsibilities:**

* Worked on Microsoft Azure (Public) Cloud to provide IaaS support to clients.
* Created Virtual Machines through Power Shell Script and Azure Portal.
* Manage and Create Storage Account and Affinity Group in Azure Portal.
* Captured images of VM, and attached disks to VMs.
* Manage and create Virtual Networks and End Points in Azure Portal.
* Deploying VM & Storage, Network, and Affinity Group through PowerShell Script.
* As an SRE, responsible for performing Ops work as well as understanding development needs and support accordingly by having continuous coordination with Development and R&D teams.
* Designed and configured Azure Virtual Networks (VNets), subnets, Azure network settings, DHCP address blocks, DNS settings, and Security policies and routing.
* Deployed Azure IaaS VM and Cloud services (PaaS role instances) into secure VNets and subnets.
* Designed VNets and subscriptions to confirm Azure Network Limits.
* Provided high availability for IaaS VMs and PaaS role instances for access from other services in the VNet with Azure Internal Load Balancer.
* Configured VNETs and subnets as per the project requirement
* Implemented high availability with both Azure Classic and ARM deployment models.
* Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs, and subnets.
* Deploying local database into Azure SQL server database.
* Configured private and public facing Azure load balancers etc.
* Created Azure SQL database, and performed monitoring and restoring of Azure SQL database.
* Performed migration of Microsoft SQL server to Azure SQL database
* Backup, Configure, and Restore Azure Virtual Machine using Azure Backup.
* Environment: Microsoft Azure, Windows Server 2012/R2, Windows Power Shell, Microsoft Azure Storage, IIS, Azure Network.

**Work Experience:**

* + Working at UNIFY INFOTECH PRIVATE LIMITED in Feb 2021 to Till date

**Education:**

* B.Com from St.Joseph’s Degree College in 2021