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## Experience Summary

- Overall, 4 Years of IT experience from DevOps with **Azure DevOps, Azure services** Azure Portal, CI/CD.
- Expertise on Implementing Azure Service Offering, such as **Azure cloud services, Azure storage, Azure Active Directory (AD), Azure Resource Manager (ARM), Azure blob Storage, Azure VMs, Azure Functions and Azure Monitor.**
- Expertise on **ARM templates** writing in azure devops areas.
- Implemented a **CI/CD pipeline using Azure DevOps Services** using **Azure pipelines and repos and artifactory** and on-premises with **GIT, Docker, and Maven** along with **Jenkins** plugins.
- Working experience on Windows Active Directory and LDAP
- Experience in **Kubernetes** to deployment's scale up, **load balance**, and **manage Docker containers** with multiple names spaced versions.
- Hands on experience on **Connectivity services** Azure resources and on-premises resources using a combination of **Networking services in Azure - Virtual Network (VNet), VPN Gateway, Virtual network NAT Gateway, Azure DNS, Peering service.**
- Experience in migrating on-premises applications to Azure and configured **VNETs** and **subnets** as per the project requirement also performed **PowerShell scripting** to do Patching and Deployments in Azure
- Experience on **Network monitoring Network Watcher, Express Route Monitor, and Azure Monitor.**
- Experience on **Azure Kubernetes Service (AKS)** Simplifies the deployment, management, and operations of **Kubernetes.**
- **Experience using Splunk and or ELK.**
- Worked on Micro services and orchestrated containers on Windows or Linux.
- Experienced in Configuration Management, Cloud Infrastructure, and Infrastructure Automation utilizing tools like **GIT, Subversion, GITLAB, Bit bucket, CI/CD Jenkins, Maven, Docker, Kubernetes, Terraform, Ansible, Tomcat, Nginx, Application servers, monitoring tools.**
- Experience in **Azure Virtual machines, Virtual Networks, Resource Groups, and Azure Storage Accounts.**
- Experienced on **terraform** for infra-automation writing the terraform plan and state.
- Worked with Micro services, Docker Container, Images, and Kubernetes.
- Created and managed a Docker deployment pipeline for custom application images in the cloud using Jenkins.
- Strong experience with python programming with multiple projects
- Develop & manage CI / CD deployments (Jenkins, GitHub action, GITLAB, AZURE DEVOPS etc)
- Should be proficient in AWS components such as Sage maker, AWS Lambda, other AWS services, serverless services, etc.
- Experience in using Kube Flow Pipelines for building, deploying, and managing multi-step ML workflows based on Docker containers, KF Serving.
- Excellent verbal and written communication skills with the ability to effectively advocate technical solutions to data scientists, engineering teams and business audiences.
- Some Hands -on the table s creations, DDL, DML.
- Experience with AWS cloud services: EC2, EMR, RDS, Redshift, S3

- Experience developing new components in a scrum/agile environment.
- Worked with different Bug tracking tools like **JIRA, ALM-Confluence**.
- Worked on integrating Monitoring tools such as **Nagios, App dynamic**.
- **CI/CD Broad-based expertise in configuration & maintenance** of High Availability and Monitoring Solutions architecture & automation solutions.
- Strong Knowledge about Infra and deployment automation (IaC, CI & CD)
- Working knowledge of Open-source technologies in Monitoring, Deployment, and incident management

| Skills Summary                                      |  |
|---|--|
| Domain  | Banking, E-commerce, Logistics, Energy –resources  |
| Cloud Computing                                     | <b>Microsoft Azure DevOps:</b> Azure repos, Azure boards, Pipelines, Azure Artifacts, Virtual Machines, Azure Traffic Manager, Load Balancer, Virtual Network, subnet, NSG |
| CI & CD   | Microsoft Azure DevOps, Jenkins, Building CI & CD Pipelines,   |
| DevOps Tools  | GIT, GITHUB, GITLAB, MAVEN, ANT, JENKINS, ANSIBLE, JIRA  |
| Web/ Application Servers, Infrastructure Monitoring | Apache Tomcat, Nginx, WebLogic, Nagios, App dynamic  |
| Containerisation, IaC                               | Docker, Kubernetes and Terraform   |
| Operating System/Tools                              | Windows XP, 7, 8, 10, Jupiter, Notebook, Eclipse, Toad, SQL Developer, FileZilla, Anaconda, Putty.   |

## Professional Experience

Knowledgehut upGrad  
Jun 2022 – Present

Bengaluru, Karnataka

Rudra Infosystem Pvt. Ltd.  
Sep 2018 - May 2022

Mumbai, Maharashtra

## Project summary

| Project 1           |   |           |          |
|---------------------|---|-----------|----------|
| Project Name        | Chevron   | Team Size | 5        |
| Start Date          | Dec-2021  | End Date  | Aug-2022 |
| Project Description | Chevron Corporation is an American multinational energy corporation. One of the successor companies of Standard Oil, Chevron is engaged in every aspect of the oil, natural gas, and geothermal energy industries, including hydrocarbon exploration and production; refining, marketing, and transport; chemicals manufacturing and sales; and power generation. |           |          |
| Role & Contribution | <ul style="list-style-type: none"> <li>▪ Worked as a DevOps Engineer</li> <li>▪ Involved on Azure devops pipelines creations by using pipelines, yaml</li> </ul>  |           |          |

|                    |  |
|--------------------|--|
|                    | <ul style="list-style-type: none"> <li>Contribute to development of platform services including architecture, provisioning, configuration, deployment, and support.</li> <li>Working on networking fundamental on DNS, routing, subnets, VLANs, WAN</li> <li>Working with Linux containers and cluster management ecosystems such as Docker etc.</li> <li>support with software development ecosystem such as Git, Jenkins, Artifactory, and CI/CD</li> <li>Support the ideation, technical development, and launch of innovative products.</li> <li>setup CI/CD pipeline AKS clusters with automated routine tasks and set up a deployment.</li> <li>Implement on Azure cloud support activities and implement azure devops creating pipelines on each application.</li> <li>Monitor on perm Jenkins application.</li> <li>Assist different teams regarding devops issues.</li> <li>Working with Configuration Management Systems – Ansible</li> <li>Experience in deploying cloud native CI/CD workflows.</li> <li>Involved in prod deployments and maintaining monitoring solutions.</li> <li>Troubleshooting and system engineering exposure in Linux production environments</li> </ul> |
| Technology & Tools | Unix/Linux, Python3.7, Git, Jenkins, Maven, Terraform Ansible, Azure, Azure devops, Apache Tomcat, Jira, Confluence. K8S   |

| Project 2           |   |           |          |
|---------------------|---|-----------|----------|
| Project Name        | HSBC (FCR-IT)   | Team Size | 4        |
| Start Date          | Feb-2021  | End Date  | Aug-2021 |
| Project Description | Financial crime risk policies<br>HSBCIs committed to implementing single global standards shaped by the most effective anti-money laundering standards available in any location where HSBC operates.   |           |          |
| Role & Contribution | <ul style="list-style-type: none"> <li>Responsible for GitHub branching and pull request merges.</li> <li>Coordinated with dev teams and BA teams to perform the pull requests across different branches and builds schedules to the environments.</li> <li>Automated the DB deployments and support activities.</li> <li>Defined and Implemented Configuration Management and Release Management Processes, Policies and Procedures.</li> <li>Used Jenkins as continuous integration tool: creating new jobs, managing required plugins, configuring the jobs selecting required source code management tool, build trigger, build system, and post build actions, scheduled automatic builds, notifying the build reports.</li> <li>Develop/Improve continuous integration scripts and automation scripts and perform database deployments, Responsible for troubleshooting environmental issues.</li> <li>Implementing Continuous Integration and Continuous Delivery framework using SVN, Bit bucket, ANT, Maven, Jenkins, Nexus, Control Tier, Make in Linux environment.</li> </ul> |           |          |

|                    |   |
|--------------------|---|
|                    | <ul style="list-style-type: none"> <li>Involved in the Consulting, Analysis, Design, Development and Implementation of automated Continuous Integration/Continuous Deployment pipelines and test automation solutions.</li> </ul> |
| Technology & Tools | <ul style="list-style-type: none"> <li>GitLab, Maven, Linux, Sonar, nexus, Jira, Python, Jupiter, Azure, VSTS, TFS, Azure devops</li> </ul>   |

| Project 3           |  |           |          |
|---------------------|--|-----------|----------|
| Project Name        | Hudson's Bay   | Team Size | 6        |
| Start Date          | Mar-2020   | End Date  | Nov-2020 |
| Project Description | Hudson's Bay, colloquially known as The Bay, is a Canadian luxury goods department store chain. It is the flagship brand of the Hudson's Bay Company, the oldest and longest-surviving company in North America  |           |          |
| Role & Contribution | <ul style="list-style-type: none"> <li>Designed CI/CD processes in the context of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools.</li> <li>Configure jobs and pipelines using Jenkins, troubleshoot problems arising from Build failures and Test failures.</li> <li>Writing Shell Scripting and Groovy Scripting for setup CI/CD pipelines.</li> <li>Working on Jenkins administration, Security and Pipelines.</li> <li>Setup and Optimize CI/CD Pipelines using Jenkins.</li> <li>Working in 24X7 models on a rotational On-Call basis.</li> </ul> |           |          |
| Technology & Tools  | GITHUB, Jenkins, Maven, Linux, Sonar, nexus, Linux, Bit bucket, Jira, Ansible  |           |          |

| Project 4           |   |           |          |
|---------------------|---|-----------|----------|
| Project Name        | 3PL Links Inc   | Team Size | 3        |
| Start Date          | May-2019  | End Date  | Jan-2020 |
| Project Description | 3PL Links is a third-party logistics company dedicated to providing dependable and cost-effective global logistics & order fulfilment services. 3PL Links Inc is a select group of highly trained professionals who have joined forces in a well-defined management environment dedicated to the efficient and effective management of your global logistics supply chain requirements.   |           |          |
| Role & Contribution | <ul style="list-style-type: none"> <li>Configure jobs and pipelines using Jenkins. Troubleshoot problems arising from Build failures and Test failures.</li> <li>Involved in Code migration activities from Subversion to GIT.</li> <li>Implementation of new build and deploy tools &amp; Process to make smooth pipeline transition from Dev to Production.</li> <li>Specialized in automating tasks and processes through scripts, implementing branching models, implementing.</li> <li>Managed yum/apt build system and package repositories.</li> <li>Working experience in Design &amp; Build or Run and Manage activities.</li> <li>Familiarity with Incident, Problem and Change Management Process.</li> <li>Handled any ticketing tools like Provides technical guidance to the Junior team members and lead the team.</li> <li>Able to contribute to Architectural and design discussions.</li> </ul> |           |          |

|                    |   |
|--------------------|---|
|                    | <ul style="list-style-type: none"> <li>Proactively identify the gaps in the existing set up and provide alternative to optimize / address the gap.</li> </ul> |
| Technology & Tools | SVN, GITHUB, JENKINS, MAVEN, ANT, BIGDATA, ANSIBLE  |

### Education Qualifications

Bachelor of Technology (Mechanical Engineering) 2014-2018  
 Collage: T John Institute of Engineering  
 Location: Bengaluru, Karnataka

### Certifications

Post Graduate Program in Cloud Computing (CC)  
 Post Graduate Program in Data Engineering (DE)  
 Python certification  
 Design Thinking  
 Digital Leadership

### Languages Known

Native: Telugu  
 Intermediate: Kannada, Tamil  
 Proficient: English, Hindi

**B Mohan Reddy**