

PROFILE SUMMARY

Having 4.1 Years of IT professional experience as a DevOps Engineer with expertise in areas of Software configuration Management, Version control, Build and Release Management, experienced in branching, tagging, and maintaining the version across the environments using SCM tools like GIT, Azure repository. Experience in Orchestration tools like App Service, Virtual machine, Docker, Kubernetes. Hands on Experience on continuous integration and continuous deployment (CI/CD) tool like Azure Pipeline.

Skill Summary (DevOps & Azure)

- Experience implementing Azure services such as Azure Active Directory (AD), Azure storage, Azure cloud services, IIS, Azure Resource Manager (ARM), Azure Blob Storage, Azure VM, SQL Database, Azure Functions, Azure Service Bus.
- Working knowledge in deploying CI/CD system using Azure DevOps on Kubernetes container environment, and for the runtime environment of CI/CD system to build, test and Deployment we have utilized Kubernetes and Docker.
- Designed and automated AZURE Infrastructure as a Service (IaaS) and Platform as a Service (PaaS), SaaS capabilities which includes virtual machine, container services, virtual network, and cloud services.
- Working experience with Azure Resource Manager (ARM) to deploy, update, and delete multiple Azure resources, as well as migrating on-premises resources to Azure with Azure site recovery (ASR), and Azure backups.
- Used Azure DevOps services such as Azure Repos, Azure Boards, and Azure Test Plans to plan work and collaborate on code development, built and deployed application.
- Developed, maintained, and provided the team with Various Azure DevOps-related tools like deployment tools staged virtual environments, provisioning scripts.
- Used Shared Image Gallery to store the created images and built Azure pipelines in Azure DevOps to implement all these services in Azure.
- Structured cluster Auto-scale for Azure Kubernetes Service (AKS) by using Build and Release pipeline and worked with scheduling, deploying, and managing pods and replicas in AKS.
- Developed and maintained Continuous Integration (CI) using tools in Azure DevOps (VSTS) spanning multiple environments, enabling teams to safely deploy code in Azure Kubernetes Services (AKS) using YAML scripts.
- Managing the Azure Kubernetes Services (AKS) policies, providing access to different Azure resources and developing and improving the workflows that govern access.
- Experience with version control tools such as GIT and Bitbucket. Comprehensive knowledge of source controller concepts including branches, tags, and mergers.

- Developed build and deploy scripts using ASP.Net and activated them using azure Pipeline (YAML file) to migrate from one environment to another.
- Worked with Azure Monitoring tools such as Azure Log Analytics, Azure Network Watcher, and Azure Service Health to diagnose and minimize service degradation.
- Experience in using monitoring tools like Azure monitoring and dynatrace to set up the desired alerts to avoid disruption.
- Created ARM Template for deploying the resources into Azure using PowerShell and continuous integration by VSTS.
- Deployed Azure IaaS virtual machines (VMs) and Cloud services (PaaS role instances) into secure V-Nets and subnets using PowerShell.

TECHNICAL SKILLS

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|---------------------------------|--|
| • Version Control | : GitHub |
| • Build & CI/CD Tools | : Azure pipelines |
| • Scripting Language | : PowerShell Scripting, Bash |
| • Operating System | : Windows |
| • Web/Application Server | : App service, IIS Web Server |
| • Bug/Defect Tracking Tools | : SonarQube, azure pipeline |
| • Monitoring tool | : Virtual machine, Container |
| • Configuration Management Tool | : Build pipeline, Release pipeline |
| • Container platform | : Docker, Kubernetes |
| • Cloud Platform | : Azure |
| • Database Administration | : MySQL |
| • Virtual Environment | : Virtual Box, IIS web server, Virtual machine |

PROFESSIONAL EXPERIENCE:

EXPERIENCE:

- Currently working with **Mindtree** as a DevOps Engineer from July-2021 to till date.
- Worked with **Accenture** as a DevOps and Build & Release Engineer from June-2019 to June-2021.

Educational Details:

- Bachelor of technology from J.N.T.U University (HYDERABAD).

Project #2

Organization : Mindtree.

Client : Microsoft.

Role : DevOps Engineer.

Location : Bangalore.

Environment:

Azure Boards, Azure pipeline, ASP.Net, SonarQube, App Service, IIS Web Server, Docker, Kubernetes, window, on-premises virtual machine, SQL Database.

Description:

Microsoft Corporation is an American multinational technology corporation headquartered in Redmond, Washington. Microsoft's best-known software products are the Windows line of operating systems, the Microsoft Office suite, and the Internet Explorer and Edge web browsers.

Roles and Responsibilities:

- Created the automated build and deployment process for application, re-engineering setup for better user experience, and leading up to building a continuous integration system for all our products.
- Installed and configured azure pipeline for Automating build, deployments and test execution and providing a complete automation solution.
- Automated the bundling process and reduced all the manual intervention needed and merged that to the agent job.
- Collaborated with development support teams to set up a continuous delivery environment with the use of Kubernetes container platform.
- Point team player on Kubernetes for creating new Projects, Services for load balancing and adding them to Routes to be accessible from outside, troubleshooting pods through SSH and logs, modification of Buildconfigs, templates, Image streams, etc.
- Involved in deploying the content cloud platform on Azure DevOps using App service, IIS web service.
- Creating virtual machine and managing policies for VM and Utilized and for storage and backup on Azure.
- Fixed bugs on the build/deploy platforms and worked closely with developers to understand their build requirements.
- Performed automation of CI / CD pipeline in private cloud using build pipeline shared libraries and Pipelines and automated the static code analysis through SonarQube in build pipeline for checking code quality.
- Experienced in design and maintenance of the Git and azure repo repositories.
- Monitoring various resources such as CPU utilization, memory utilization, file System space issue.
- Deployed SQL Script one environment to another environment
- Extracting the Existing SQL Script and importing the Script into a new environment
- Daily involved in Client stand-up calls.

Project #1

Organization : Accenture.

Client : Telus.

Role : DevOps and Build & Release Engineer.

Location : Bangalore.

Environment:

Git, Maven, Scrum, windows, App Service, IIS Web Server, Dockers, Kubernetes, Azure pipeline, Virtual machine.

Description:

Telus is the wholly owned principal subsidiary of Telus Corporation, a Canadian national telecommunications company that provides a wide range of telecommunications products and services including internet access, voice, entertainment, healthcare, video, smart home automation and IPTV television.

Roles and Responsibilities:

- **Building and managing the continuous integration and continuous deployment (CI/CD) pipeline.**
- **Deployed and monitored scalable infrastructure on Virtual machine.**
- **Developed automation framework for Application Deployments to the cloud environments.**
- **Creating user accounts for the azure using Org permission**
- **Responsible for creating the azure build pipelines for Automation job creation.**
- **Resolving build issues like adding the build profiles on maven configuration file.**
- **Configuring the environments with deployment Group.**
- **Troubleshooting network and system related problems.**
- **Good understanding on Maven pom.xml file.**
- **Resolving the build issues and deployment issues.**
- **Managing branching and policies in branch environment.**
- **Implemented Azure DevOps solutions using App Service, IIS Web service, virtual machine, Docker, Kubernetes,**
- **Automating builds using scripting**
- **Implemented the Release practice and was responsible for pushing builds into Dev/Stage/Production stages/Master.**
- **Troubleshooting of build errors in azure pipelines for both the Configuration Mgmt. team and the development team.**
- **Managing day-to-day Build & Release Activities and CM Support.**
- **Involved in Deployment of the application using java Responsible for nightly.**