AZURE DEVOPS ENGINEER

Vamshi
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JOB EXPERIENCE

- Having 4 years of IT experience and 4 Years experience on Microsoft Azure DevOps Engineer experience in various Cloud service models, including IaaS, PaaS, and SaaS and supporting deployment models, including Private, Public, and Hybrid cloud.
- Working experience in Git, GitHub, Jenkins, Docker, VSTS, TFS, ARM Templates, JIRA, Terraform
- Good understanding in Azure networking, Storage, VM provisioning, ASR, RBAC, NSG, Automation, Monitoring, AZ Copy, AD, Application Insights.
- Executing builds and troubleshooting, Interaction with development and QA teams. Managed environments DEV, UAT, Staging and PROD for various releases and designed instance.
- Experience in Traffic Manager, Load Balancers & Vmss
- Work on escalated tasks related to interconnectivity issues and complex cloud-based identity management and user authentication, service interruptions with Virtual Machines (their host nodes) and associated virtual storage (Blobs, Tables, Queues).
- Configured Azure Virtual Networks (VNets), subnets, Azure network settings &Vnet Peering.
- Installing, Configuring and managing of AD, DNS, IIS Servers.
- Implemented high availability with ARM deployment models. Exposure to SDLC Activities like Agile methodology.
- Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and subnets.
- Work experience in Key Vaults, Azure backup.
- Good Experience in Multiple Branching Strategies.
- Adding, removing, or updating user information, resetting passwords.
- Good Interpersonal Skills, team-working attitude, takes initiatives and very proactive in solving problems and providing best solutions.
- Experience with cloud infrastructure such as azure
- Hand-on Experience on Linux operating system
- Strong understanding of cloud computing technologies, services, delivery models and vendors
- Have the ability to multi-task and prioritize task according to urgency and importance while Remaining calm and focused
- Ability to convey cloud concepts and recommendations to non-technical people
- Build out new and maintain existing continuous integration and continuous
- Work with the development team and other production support team members to ensure the applications are working as expected.
- Expertise in building CI/CD pipeline using GitHub, Jenkins

WORKING EXPERIENCE

- Currently Working with Trion Infotech as Azure Devops Engineer from July 3rd 2019 to Till Date

EDUCATIONAL QUALIFICATIONS

- BCA Aurora degree college from Kakatiya University, Warangal, 75%, 2019

TECHNICAL SKILLS

Cloud Platform	:	Microsoft Azure
Operating Systems	:	Windows, Linux
Container Tool	:	Docker
Source Code Management	:	Git, GitHub, TFVC, Azure Repos
Build tool	:	Maven, MS Build
Deployment/CI-CD	:	Jenkins, Octopus, VSTS, Azure DevOps
Ticketing tool	:	Jira, ServiceNow
Other Tools/Services	:	Azure Storage Explorer, AZ Copy, Azure Automation, Azure Active Directory, Application Insights, Azure Storage, backup and recovery tools
Databases	:	SQL Server

Project Details

Client: Reliance Insurance, India

Role: Azure DevOps Engineer

Duration: March 2022- Present

Roles and Responsibilities:

- Hands-on experience in VM deployments using portal and Power Shell.
- Responsible for creating Network Security Groups and add inbound rules for various ports like RDP 3389, PS remoting 5986, Custom ports 8081,9200 to allow access only from private network address prefix to provide utmost security.
- Write PowerShell and schedule to shutdown virtual machines during off business hours.

- As a member of Release Engineering group, redefined processes and implemented tools for software builds, patch creation, source control, and release tracking and reporting.
- Worked closely with QA Teams, Business Teams, and DBA team and Product Operations teams to identify QA and UAT cycles release schedule to non-prod and prod environments.
- Identified and logged defects in VSTS and interacted with developers to priorities the issues.
- Ownership for Azure SQL server DB deployment & managed the continues integration & continues deployment.
- Created Build definition and Release definition for Continuous Integration and Continuous Deployment.
- Created dashboards in VSTS for CI/CD pipelines, Work items and bugs.
- Resolved Merge Conflicts, configured triggers and queued new builds within the release pipeline.
- Monitored and tracked deployments.
- Developed Power BI model used for financial reporting of P & L and Headcount.
- Create and publish NuGet packages and maintain the NuGet infrastructure that several teams use at build time.
- Create storage accounts for dev & QA teams for their application development and testing purpose.
- Create ARM templates to reuse similar deployment with some standard configurations and naming conventions.
- Evaluation Azure VMSS to auto scale up and scale down Azure vm workloads.
- Create PowerShell script to manage multiple subscriptions in Classic portal using publish settings file.
- Create users in Azure AD from Portal as well as form Power Shell.
- Adding addition disks to Azure VM upon receiving request.

Project   **:** DAMODAR VALLEY CORPORATION
Role   : Azure Devops Engineer
Duration   : July 2019 to Feb 2022

Responsibilities:
- Worked on Azure IAAS and PAAS services for automation deployments.
- Creating repositories, new users for GIT and give the permissions to users to access repository.
- Create branches and merging the Branches for Integration.
- Helping users on Day-to-Day activities involving Check In, Check Out, View problems.
- Manage branching & merging of releases for Parallel development.
- Maintaining the repositories (includes creating, deleting).
- Taking back up on time of the repository.
- Work with Development Teams and Testing Team to establish a build schedule, execute the builds and troubleshoot build failures.
- Good exposure of agile development methodology in designing and implementation of Continuous Integration and Delivery (CI/CD) methodology.

- Configuring storage account access
- Registering that docker images on the docker registry.
- Analyzed and resolved conflicts related to merging of code for GIT.
- Installing the azure VM Agents for integrating the Azure Backup services.
- Enabling and configuring the Backup policy on Virtual Machines.
- Deploy and manage the Azure Services like Virtual Machines, Web Apps, Storage, A z u r e Active Directory,