## N. Omprakash

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## Summary:

Over all 6.2 years of experience in IT Industry. Include in 3.10 years of experience azure and Azure **DevOps Engineer** to enhance my skills and abilities to the best in the interest of the organization, as well as to enhance myself in working with Azure components. Work closely and effectively with all levels of management to satisfy the project and productivity requirements.

## Technical Skills:

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| --- | --- | --- |
| **S.No.** | **Skills** | **Azure DevOps and QA engineer** |
| 1 | Process and Methodologies | DevOps, Agile |
| 2 | Cloud Platforms | Microsoft Azure. |
| 3 | Scripting Languages | PowerShell, JSON. |
| 4 | Azure Expertise | Network Security Groups ,VM creation , V-Net peering & V-Net – V-Net VPN ,Azure Storage Explorer, VSTS, Azure Automation, Azure Active Directory, Application Insights, Azure OMS, Docker, GitHub, SQL Server, Service Bus, Azure Roles, AZ Copy, ARM Templates, Azure Storage, IIS, Key Vault, backup and recovery tools. |
| 5 | Azure DevOps Tools | Azure DevOps, Terraform, VSTS, TFS, GIT, Jenkins, SonarQube, Octopus, Maven, JIRA. |
| 6 | Database | SQL Server, MYSQL. |

## Education:

* B.E from JNT University in 2013

Technical Knowledge Experience:

* Azure DevOps Engineer experience in IAAS, PAAS and SAAS services and good experience on Manual Testing.
* Working on Azure Devops – boards, repo, artifacts and pipelines
* Created the CI/CD Pipeline in Azure DevOps for the .net, and UI based Web Applications.
* Hands-on experience in Branching and merging strategy.
* Configuring CI/CD Pipeline in Azure DevOps for automating Azure Resources.
* Good experience on Terraform to create various resources in Azure.
* Working experience in Git, GitHub, Azure Devops, VSTS, TFS, ARM Templates, JIRA, Maven, SonarQube, and Tortoise Git.
* Proven ability to successfully analyze an Organization Cloud Migrations, managing both classic & ARM portal, effectively use Power Shell to manage Azure services, troubleshooting access related issues.
* Good Knowledge on Visual Studio Test, Power Shell and CI/CD tools like Git, Jenkins, Maven, Octopus Deploy, and Never Code etc.
* Experience in Power Shell and CLI scripting for automation of technical activities.
* Good Experience in Monitoring Tools like Log Analytics, App Insights, OMS, App Dynamics tools, Cloud Monix.
* Knowledge on Migration of Jira to azure boards.
* Knowledge on Migration of bitbucket repo to azure repos.
* Good understanding in Azure networking, Storage, VM provisioning, ASR, RBAC, NSG, Automation, Monitoring, OMS, AZ Copy, AD, Application Insights, Azure Roles, ARM etc.
* Executing builds and troubleshooting, Interaction with development and QA teams. Managed environments DEV, SIT, UAT, Staging and PROD for various releases and designed instance.
* Experience in Traffic Manager, Load Balancers, and App gateways.
* 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).
* Good Experience on Replication services LRS, ZRS and GRS.
* Good experience on Azure automation by creating Run books and scheduling jobs.
* Configured Azure Virtual Networks (VNets), subnets, Azure network settings, CDIR address blocks, DNS settings, security policies, V Net Peering.

**Professional Experience:**

* Working as an cloud Engineer for EMPERKS WEB TECHNOLOGIES PRIVATE LIMITED from July2019 to till date
* Worked as a Talent Acquisition Executive for RITS info solution form June 2015 to November 2017.

**Project Details**

**Project #2**

**Organization: EMPERKS WEBTECHNOLOGIES PRIVATE LIMITED**

**Project name: Volvo**

**Duration: Dec 2021 to still date**

Responsibilities:

* Creating CI/CD pipelines by integrating, VSTS, Monitoring Tools and MS Azure.
* Good experience on Terraform to create various resources in Azure.
* Good Knowledge in automating deployment with VSTS and Octopus deploy.
* 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 (5986), Custom ports (8081,9200) to allow access only from private network address prefix to provide utmost security.
* Automating build process used for .Net, Mule and Middleware applications using tools / automation framework like VSTS.
* Involved in Release management like planning, scheduling, and deploying Releases.
* Write Power Shell and schedule to shutdown virtual machines during off business hours.
* Good Knowledge in EXE Creations using Advanced Installer.
* 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.
* Creating the YAML files CI/CD using AzureDevOps.
* Using Azure repos by using version control tool.
* Creating the Docker files for build the Images and push to Azure container registry.
* Go through the tasks which are assigned and understanding the requirements to work on it .
* Pushing the artifacts to Jfrog
* Create users in Azure AD from Portal as well as form Power Shell.
* Migration of on-premises VMs (Hyper-V & VMware) to Azure.
* Migration of Azure VMs from Classic portal to ARM portal
* Migration of IAAS services like virtual network, network interface etc.
* Provide read access of Azure subscription to users upon approvals from higher management
* Preparing the recovery services vault and finalize the azure resources.
* Migration Using ASR services, Greenfield Migration.
* Working with the application Owner for the Data assessment and Getting Approvals.
* Creating and working on the Change Request approval from the Stakeholders.
* Performing the cutover activities and post migrations step.
* Performing Failover, the application to azure.
* Assist customers with Azure and GitHub templates
* Creating run books and Assessment sheets.
* Installing the azure VM Agents for integrating the Azure Backup services.
* Working on Tags to the New Resources Created durig the Cutover Tasks.
* Enabling and configuring the Backup policy on Virtual Machines.
* Deploy and manage the Azure Services like Virtual Machines, Web Apps, Storage, Azure Active Directory, Virtual Networks, and Azure CDN & Microsoft Operations Management Suite (OMS).
* Installing, upgrading, configuring, troubleshooting Windows Servers
* Performing health checks on server for space and memory, antivirus updates.
* Providing solutions to the Customers based on the requirements/service requests.

**Project name: Ametek Inc.**

**Duration: July2019 to November 2021**

**Responsibilities:**

* Worked on the VM Creation and configuration.
* Worked on the VM patching activities using update management.
* Configured Azure backup of all the VMs by using Azure backup.
* Working on VNET and Designed Network Security Groups (NSG’s) to control inbound and
* outbound access to network and VNET peering across subscriptions
* Storage Account Configuration like Blob and File Services to Upload required data by the Application team.
* Working on Application gateway creation and configured the WAF rules in to the application gateway.
* Working knowledge on Configuring Point to Site VPN creation.
* Working knowledge on Availability set configuration and configuring the AVSet in Azure Load Balancer.
* Good knowledge and working experience in managing Resource Groups, Virtual networks, Virtual Machines, Storage accounts, etc. in an office environment.
* Understanding and experience in creating V-Net peering & V-Net – V-Net VPN. Knowledge of Routed Protocols: RDP, SSH, HTTP, HTTPS and Connectdirect.
* Good understanding of Azure virtual networks, Subnets, and CIDRconsolidation.
* Extensive experience in Azure Storage. Managed Blob storage & File storage with access keys and shared access signature knowledge of using storageexplorer.
* Working knowledge on configuring Load balancer and Trafficmanager.
* Created the web app and worked on Scaling up of App Service Planconfiguration.
* Configuring the Web app into the traffic managerprofiles.
* Monitoring and troubleshooting resources using Log analytics and Applicationinsights.
* Creating the alerts and configuring them the using Metrics and Log basedalerts.
* As a cloud engineer daily basis issue handling vm issues, disk issues any network related issues checking log and solving as per customer need.
* SQL SCCM tenant restoration and tenant creation and backup tasks daily, weekly
* Monthly basis vm update checking and working with as a team when ever any security and critical patches pushing to windows virtual machine
* Code review, Unit testing, Functional testing, and Deployment of the application.
* Involved in requirements gathering, design from the client and Enhancements of the application.
* Implemented Web Service concept for calling other methods in separate layer
* Involved in coding and unit testing.
* Handled issues related to Customer like VM creations, vm upgradations.
* Provided programming estimates, identified potential problems, and recommended alternative solutions

**Declaration:**

# I hereby declare that all the details furnished above are true to the best of myknowledge.

N.Omprakash