**NAGADEVI**

**Wait For A Call - Call Icon Png Black, Transparent Png , Transparent Png  Image - PNGitem 91+ 7893607445 |Mail icon - social, letter, interface, envelope, mail, communications,  stamp, postcard | Email icon, Mail icon, Icon nagadeviaz@gmail.com**

Overall **4.10** years of IT Experience with a great in-depth knowledge in **Continuous Integration and Continuous Delivery (CI/CD)** tools like  **Azure DevOps.** Expertized tools like **Terraform, Basic Knowlodge on Ansible**, **Docker,** and **Kubernetes.** Hands-on experience on Build, Release Engineering, **Linux,** and **System Administrator** also provided support for the teams utilizing **Agile, Scrum, and Waterfall** methodologies with a great knowledge in several coding languages and monitoring tools.

***Professional Summary***

* Hands-on experience on **Azure Cloud Services** like **Active Directory, Storage, Application Insights, Web Apps, (IaaS & PaaS), Logic Apps, SQL Azure, Cognitive Services (LUIS), Data Factory, Service Bus, Azure Monitoring, Traffic Manager** and **Visual Studio Online (VSO).**
* Experienced in automating, monitoring and deployment of resources by **Service Management Automation (SMA)** into **Azure** pack environment. Secured multiple **Azure Virtual Machines (VM's)** and cloud services by deploying them into secure **Virtual Nets (VNets)** and subnets also monitored the same.
* Extensively worked on **Azure Platform** Deployment Concepts, hosted Cloud services, platform service and close interface with **Windows Azure Multi-Factor Authentication** and Continuing architectural changes to move software system offerings to a distributed, service-based architecture.
* Major focus on **Configuration, SCM, Build/Release Management, Infrastructure as Code (IaC)** and as **Azure DevOps** operations production and cross platform environments.
* Experience working with **CI/CD Azure DevOps** Pipeline and Deployment Automation for **.Net, Java** and **UI** based Web Applications.
* Experienced in deploying and running the applications in several containers like **Docker Swarm** and **Docker Wave** using **Docker.** Deployment in Kubernetes scale up pods, maintain services, load balancing, network policies, group **Docker** containers across different platform and managed entire package with **Helm charts**.
* Experience in Linux **administration** in troubleshooting of **regular** issues, **configuration** issues, applying **patches**, **kernel upgrades**, **package management**, **diagnosing resource utilization** and **file system** issues.
* Supported multi platforms like **UNIX**, **Ubuntu**, **RHEL**, **Fedora**, **Macintosh** and **Windows** versions in **production**, **test** and **development** servers. Configuring the **Kickstart** file in main server, performed automatic installation of any operating system to multiple machines.
* Automated the installation of **ELK** agent (filebeat) with **Ansible** **playbook**.

***Skills***

**Version Control Tools** GIT, GITHUB

**Monitoring Tools** Nagios, ELK, Grafana

**Bug Tracking Tools** JIRA, Azure Boards

**Web and Application** Servers JBOSS, Apache Tomcat, Web Sphere, Web Logic, Nginx, Send Mail

**Continuous Integration** Azure DevOps,

**Operating System** Red Hat, Ubuntu, Debian, Fedora, CentOS, Windows, Solaris, Mac OS, Linux, Unix

**Containerization Tools** Docker, Kubernetes, Docker Swarm

**Configuration Management Tools** Ansible, Terraform

**Build Tools** Maven, Ant, Gradle

**Scripting Languages** JavaScript, PowerShell, JSON, YAML

**Languages** Python

**Repository** **Management** Nexus, JFrog

**Virtualization** VMware, Windows Hyper-V, Power VM, Vagrant, Virtual box

**Database** MySQL, Aurora, Oracle, Dynamo DB, Mongo DB

***Work History***

**Azure DevOps Engineer**

**March 2019 – March 2022**

**Wipro**

* Designed and implemented **Microsoft Azure Solutions** across a range of cloud models like **SaaS, PaaS, IaaS**, and integrated on-premises, on-demand workloads with the **Azure** public cloud.
* Implemented various resources in **Azure** using Azure portal, PowerShell on **Azure Resources Manager** deployment models and also deploying infrastructure as code applications using **ARM Templates** (JSON).
* Created **Network Security Groups** to alter the traffic of the **Azure** Resources by configuring the Inbound and Outbound traffic rules and associating them with **Subnet** and **Network Interfaces** also created **Azure Key Vault** to store Secrets and Passwords.
* Migrated on prem to windows azure by building **Azure Disaster Recovery Environment, Azure Recovery Vault and Azure Backups** from the scratch using power shell script.
* Configured **Continuous Integration and continuous Delivery (CI/CD)** from source control to set definition within **Visual Studio Team Services (VSTS)** and automating the deployment of **ASP.NET MVC** applications to **Azure Webs Apps.**
* Designed, configured and deployed Azure **Automation** **Scripts** for a multitude of applications utilizing the Azure stack (Including Compute, Web Mobile, **Blobs**, **ADF**, **Resource** **Groups**, **HD Insight** **Clusters**, **Azure** **SQL**, **Cloud** **Services**, and **ARM**), Services and Utilities focusing on Automation.
* Created **CI/CD** pipelines for .NET, Python apps in **Azure DevOps** by integrating source codes from Github, VSTS, and **artifacts**. Created deployment areas such as testing, pre-production and production environment in Kubernetes cluster and configured App Insights, **Prometheus** and **Grafana** monitoring dashboard for regular analysis.
* Worked on **Serverless services**, created and configured **HTTP** Triggers in the **Azure Functions** with application insights for **monitoring** and **performing** load testing on the applications using the **Visual Studio Team Services** (**VSTS)** also called as **Azure DevOps Services**.
* Supervised AWS to **Azure migration**, Jira to **Azure DevOps**Migration, **GitHub** to Azure DevOps Migration along with configuring and using PaaS offerings (like **Azure Database services, Azure Kubernetes, Azure Containers, DNS, Application gateway rerouting, Application Insights, Azure Container Monitors)**
* Managed **software artifacts** required for development using repository managers **JFrog Artifactory** and integrating it with **Azure DevOps pipelines** for Continuous Integration and also built custom workflows.
* Deployed and configured **AZURE AD Connect**. Also configured **Azure Network Security Groups**, **Azure Operational Insight** and **OMS,** **AZURE Premium Storage**, Network Virtual Appliance, **Client-Side encryption** for Azure storage objects.
* Troubleshooting Linux network, security related issues, capturing packets using tools such as **Iptables, firewall, TCP wrappers, NMAP.** Configure dynamic and static network settings for **IPv4** and **filter packets**, Review file system management concepts, removable media and configure NFS shares with Autofs.
* Implemented unit-testing and integration testing strategies for **Jenkins** **shared libraries** using **Junit** and **Groovy** **Spock**.
* Installation and configuration of **ELK** stack (Elastic Search, Log Stash, Kibana -Log Management tools) in both legacy and **Docker** **swarm** mode.

**GIS Associate**

**June 2017 – March 2019**

**Wipro**

* Worked as a QC employee.
* Worked on the tool Called Atlas
* Capturing the Map and other related data into GIS software to enable an accurate calculation of the area and perimeter of all futures.
* Identify and capturing the information of transit.
* Collaborating with his/her co-workers in order to make sure that maps prepared by him/her are stable and correct
* Issues will be solved over atlas tool where questionnaire needs to be filled and issue has to be submitted
* Preparation of regular status reports, highlighting GIS issues requiring attention.
* Use tool to join together different GIS datasets and create new information