A blue and white logo with white text

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**Vishwanath**

**469-564-0196**

[**vish97052@gmail.com**](mailto:vish97052@gmail.com) **Senior Azure Cloud Engineer**

**Summary**

* I am a Certified IT professional having around 10 years of experience in DevOps, Azure Cloud, Designing and Implementing High Scalable, Redundant Cloud Solutions. Managed cloud services for IaaS, SaaS, PaaS, including Microsoft Azure Cloud, Docker, and Kubernetes.
* Worked on Build Automation, Deployment, and Release engineering, hands-on experience on DevOps tools like GIT, Jenkins, Ansible, ARM, Docker, K8, Nexus, Helm, Maven and Node.JS.
* Over 8 years of extensive experience as a DevOps practices, specializing in automation and the implementation of robust CI/CD pipelines.
* Has been working as Design, Architect and Implemented Cloud Solutions involved in Big data, Security, and technologies included but not limited of multiple industry leading technologies and tools, such as Azure services (Azure AD / Entra ID, IAM, App Registry, SSO, MFA, NSG, Azure Policy, Management Groups, Azure Data Factories, Data lake, AKS, Azure SQL, Cosmos DB, Mongo DB, Azure Web Apps, Azure Functions, Logic Apps, Azure VM, Azure Storage, Azure Insights, Azure log analysis, Azure monitoring, Azure Alerts etc.)
* Has strong hands-on with Infrastructure-as-code (IaC), Pipeline-as-Code tools, such as Jenkins, Ansible Tower, Terraform, Bicep, VSTS, ARM template, along with automation programming language, using Python, PowerShell, Bash, JavaScript, YAML, JSON etc.,
* Experience on the area of cloud network design on Loading Balancer, Firewall, VPN, VNet, NSG, ACLS, Traffic Manager and Azure Front Door. Also familiar with Microservice, REST API, Spring Boot, .NET framework developer framework.
* Implemented High Availability Design, Rapid Deployment, Automation, Orchestration, Policies, Governance, Disaster Recovery and Production support.

**Skills**

* **Microsoft Azure Services:** Azure Active Directory, Entra ID, App Registry, SSO, MFA, Azure SQL, Service Fabric, AKS, Azure Resource Management (ARM) Template. Azure VM, NSG, VNET, WAF, Azure Key Vault, Azure Blob storage, Azure Data factory, Azure Data Lake, Azure Data Bricks. Azure Functions, Logic Apps, App Services, etc.
* **Container and Virtualization:** Docker, Kubernetes, AKS, OpenShift, VMware.
* **Networking**
* **Databases:** My SQL, Oracle, PostgreSQL, Microsoft SQL Server, MongoDB, Azure Cosmos DB.
* **Continuous Management, Integration and Deployment Configuration:** Jenkins, ADO, Ansible, Terraform, Bicep.
* **Building tools:** Apache Maven, Gradle, MS Build, NuGet.
* **Source Repository:** Git, GitLab, GitHub, Bitbucket, SVN, VSTS.
* **Monitor tools:** ELK, Prometheus, App Dynamics, New Relic, Splunk, Azure Monitoring.
* **Operating Systems:** RHEL, CentOS, Ubuntu, Windows 2020 - 2008
* **Storage and Backup Technologies**
* **Programming Language:** Groovy, Python, Bash, PowerShell, YAML.

**Certifications** ---------------------------------------------------------------------------------------------------------------------------------------

* **Microsoft Certified Azure Administrator (AZ-104)**
* **Certified Kubernetes Administrator (CKA)**

**Experiences -----------------------------------------------------------------------------------------------------------------------------------------**

**Everest Reinsurance | Warren, NJ Jun 2022 – Current**

**Senior Azure Cloud Engineer**

* As Senior Azure Cloud Engineer designed and configured of Microsoft Azure environment using Infrastructure as Code technologies, tools including ARM Template, Bicep, PowerShell, Azure Cli, Python Scripts and Terraform modules.
* Involved in Design and Architect to Azure landing zone project solution, focus on Cost optimization, Operation excellence, Performance efficiency, Reliability and Security.
* Established CI/CD pipelines using Jenkins for automated testing, building, and deploying containerized applications to AKS Clusters.
* Set up, build and configured Azure resources, using Azure VM, Azure VM scale set, VNET, WAF, Azure Key Vault, Azure Active Directory (Entra ID), Azure Blob storage etc., using concept of Infrastructure of Code (IaC).
* Configure and Managed Azure services like Azure App Services, Azure SQL Database, Azure Kubernetes Service (AKS), Azure Functions, Azure Web Apps and Azure Logic Apps.
* Performed the migrations from On-Premises machines to the Azure using SSIS packages and ADF and Data-Bricks.
* Setup complex environment of Azure Service Fabric for critical application, configured stateless and stateful .Net applications and Azure SQL database, along with the SSL certificate.
* Wrote Azure PowerShell function with C# and PowerShell function and deployed using Azure automation accounts.
* Design, set up and implemented Azure Data Factory, Azure Data Lake, Azure Databricks for data analysis environments.

**Keywords:** Azure, Delivery Management, Azure AD, Azure DevOps, ADO, Logic Apps, Web Apps, Function Apps, Storage, SSL, Load Balancer, WAF, NSG, Firewall, Security, MFA, App Registry, ARM, Terraform, Bicep templates, Docker, Kubernetes, AKS, Helm, JIRA, ServiceNow, GIT, Power Shell, Python, Azure CLI, CM tools, MySQL, Databricks, ADF, Azure Monitoring.

**AT&T | Middletown, NJ Feb 2020 – May 2022**

**Azure DevOps Engineer**

* As an Azure DevOps Engineer, Involved in Design, implement, and maintain Azure infrastructure components such as Virtual Machines, Virtual Networks, Storage Accounts, and Azure Active Directory.
* Develop and manage CI/CD pipelines using Azure DevOps tools to automate build, test, and deployment processes for applications and infrastructure.
* Utilize tools such as Azure Resource Manager, Azure CLI, and Azure PowerShell to automate infrastructure provisioning and configuration.
* Implement Infrastructure as Code (IaC) principles to ensure consistency, scalability, and repeatability of infrastructure deployments.
* Identify and troubleshoot performance bottlenecks, security vulnerabilities, and scalability issues within Azure infrastructure and applications.
* Collaborate with development, operations, and QA teams to streamline the software development lifecycle (SDLC) and ensure smooth deployment of applications.
* Set up monitoring and alerting solutions using Azure Monitor, Azure Log Analytics, and Application Insights to track system performance, availability, and security.

**Keywords:** Azure DevOps, Infrastructure as Code, CI/CD Pipelines, Automation, Scripting (e.g., PowerShell, Python), Azure Resource Manager (ARM) Templates, Version Control (e.g., Git), ADO, Agile Methodologies, Jira, ServiceNow, Monitoring and Logging, Docker Containers, Kubernetes, Azure Boards, Azure Monitor, Disaster Recovery.

**AT&T | Middletown, NJ Jul 2017 – Feb 2020**

**Sr DevOps Engineer**

* As Senior DevOps Engineer, I created user stories required for migration and documented for team.
* Worked on building tools and processes to support and enhance build and release infrastructure.
* Setting up of automated build and deployments for major applications with Build Pipelines using Jenkins, Git and Maven tool.
* Automated Continuous Software Deployment with Chef and SWM Tool across Test environments and on selected Prod Releases.
* Setup Build pipelines to build Docker images using maven plugins. Automated Configuration management using Chef/Helm. Deploying SDN application in Kubernetes using Helm charts.
* Administered MySQL, MariaDB Databases for different applications including Data imports and exports, granting privileges to users etc.
* Written on Bash and Power Shell scripting for automating the infrastructure setup tasks.
* Implemented monitoring and alerting solutions to proactively monitor the performance and health of integration services and infrastructure.

**Keywords:** Version Control Tools, SCM, Jenkins on UNIX/Linux, GIT Repositories, ANT and MAVEN, artifacts, Chef, CM tools, Nexus server and Subversion source control, Docker, Continuous Delivery, Delivery Management, DevOps, Kubernetes, JIRA, Jenkins, Bash, Power Shell, Python, MySQL, Helm, Splunk.

**LVL 237 | Chennai, India May 2013 – Jul 2015**

**DevOps Engineer**

* As DevOps Engineer, I have a good understanding of the principles and best practices of Software Configuration Management (SCM) in scrum (Agile Methodology).
* Coordinated & assisted developers with establishing and applying appropriate Branching, Merging Conventions by making use of version control systems SVN/GIT.
* Created process to Build & Release one product with several different languages, localized build, and reduced building time for each language related releases.
* Managed environments like DEV, QA, UAT and PROD for various releases and designed instance strategies.
* Monitored Servers Continuously using Nagios and resolving System Related issues.

**Keywords:** Linux, Ubuntu, Jira, ANT, Maven, GIT, Jenkins, Puppet, Apache Tomcat 7.0, Splunk, Nagios, Shell, Jboss, and WebSphere, Nagios.

**Krivi Infotech | Hyderabad, India Jun 2012 – Apr 2013**

**Linux Systems Engineer**

* As Linux Systems Engineer, I have experience in Installing and administration of windows and Linux (Centos, Ubuntu, and Red Hat) servers.
* Created Bash, shell scripts for various Systems Administration tasks to automate repeated processes.
* User account management, worked with shell scripting (bash) to automate administration tasks.
* Setup cronjobs schedules for various backup and monitoring tasks & supported with enterprise backups.
* Support for application upgrade & rollback, services start/stop on Linux Servers.

**Keywords:** Ubuntu, Cent OS 5, Windows 2008, 2012 Apache 1.2/1.3/2.x, Logical Volume Manager, FTP, SFTP, SSH, LAN, GIT, SVN.

**Education and Training** --------------------------------------------------------------------------------------------------------------------------

* **California University of Management Sciences**

Master of Science in Computers and Information Systems (MSCIS) – Aug 2015 to Dec 2016

* **Jawaharlal Nehru Technological University | Hyderabad | India**

Bachelor of Technology in Electronics and Communications Engineering – Jul 2008 to Jun 2012