# Nidarsh Raj Minnakanti

### summary

#### An accomplished IT professional with 3+ years of experience as an Azure DevOps Engineer.

#### Proficient in Administering Azure IaaS/PaaS services like Compute, Blobs, Web, and Worker roles, VNET, Network Services, Azure DevOps, Azure SQL/Cosmos DB Databases, Storages, Active Directory, Monitor, Autoscaling, PowerShell Automation, DNS, VPN, MFA, Load Balancing, Application Gateways

#### Strong experience in Enterprise Linux/Unix (RHEL, CENTOS) /Windows platforms.

#### Experience in installing/configuring/maintaining Ansible Tower (AWX/AAP) with LDAP authentication

#### as well as setting up Jobs, workflows, templates, projects, inventories, credentials, and schedules.

#### Hands-on experience in provisioning Cloud infrastructure using Terraform. Terraform cloud integrating with version control utilizing (resource graphs, execution plans, change automation, providers, provisioners, CLI, modules, state files) to create multiple environments.

#### Experienced in identifying repeating patterns and put proactive solutions in place providing self-service capabilities using shell scripts, Python, PowerShell, automate using Jenkins, GitLab for managing both on- premises and public cloud.

#### Experience in System Administration, Configuration, upgrading, Patches, Troubleshooting, Security, Backup, Disaster Recovery, Performance Monitoring and Fine-tuning on Unix & Linux Systems.

#### Experience in working as Azure - DevOps Engineer for release automation to achieve continuous integration and continuous delivery (CI and CD).

#### Managed Azure services including Virtual Machines, Blob Storage, Load Balancer, Azure Functions, Azure Active Directory (AAD), Azure Search, and Virtual Network (VNet) through the Azure portal.

#### Ability to communicate effectively with all levels of management and the technical community.

#### Highly Experienced in providing 24x7 on-call production support, troubleshooting failed mission critical systems under pressure, time constraints working with Vendor Support tickets, analyzing system/product logs, config files and coordinating with support groups during planned and unplanned outages.

### CERTIFICATIONS

#### LPI Certified

#### Linux Essentials

#### Hashicorp’s Certified

#### Terraform Associate

#### Microsoft Certified

#### Azure Solution Architect Expert

### TECHNICAL SKILLS

#### Version Control: GIT, Bitbucket.

#### Cloud Technologies: Microsoft Azure.

#### Build Tools: Ant, Maven.

#### Scrum Tools: Azure Boards, Jira.

#### Configuration Management Tools: Ansible, Ansible Automation Platform.

#### CI and CD Tools: Jenkins, GitLab, Azure Pipelines.

#### Languages and Scripting: Python, Bash, YAML.

#### Networking: HTTP/HTTPS, FTP, TCP/IP, DNS, DHCP, LAN, WAN.

#### Operating Systems: Enterprise Linux (CentOS, RHEL, Ubuntu), Windows (2012,2016,2019).

#### Monitoring Tools: Nagios, Splunk, ELK.

#### Database: Oracle, MySQL, MSSQL, Postgres, MariaDB, Cassandra.

#### Virtualization: VMware ESXi, Virtual Box, Vagrant.

### professional EXPERIENCE

##### Enterprises - Hyderabad, India 07/2018 – 10/2021

Azure DevOps Engineer

#### Responsibilities: Responsible for designing, implementing, and supporting cloud-based infrastructure and its solutions and managed cloud infrastructure with automation.

#### Developed and supported the Software Release Management and procedures.

#### Performed all necessary day-to-day Subversion/GIT support for different projects.

#### Experience in utilizing Azure Cloud Computing services such as Azure Virtual Machines (VMs), Azure Storage (Blob Storage), and Azure Functions.

#### Provisioned Azure instances using Terraform and implemented modular infrastructure deployment using Terraform modules.

#### Utilized Git for version control and source code management, including installation, configuration, and preparing Git for deployment.

#### Created and managed jobs in Jenkins for continuous integration and addressed build-related issues.

#### Installed Jenkins as a service and configured Jenkins projects for automating build, deployment, and test execution on target platforms.

#### Deployed VMs on Microsoft Azure, managed Azure Active Directory (Azure AD), Azure SQL, and Virtual Networks to establish server connections. Designed and implemented Azure Resource Manager (ARM) templates for Azure platform.

#### Worked with serverless services on Azure, specifically Azure Functions. Configured HTTP triggers in Azure Functions with Application Insights for monitoring and load testing.

#### Configured Azure Identity and Access Management (IAM) Groups and Users to enhance login authentication.

#### Implemented infrastructure as code methodologies and automated provisioning and configuration of Azure infrastructure using ARM templates, Terraform, and Ansible.

#### Practiced Azure Automation for provisioning tasks, employing ARM templates.

#### Developed Terraform code for deploying Azure stacks including VMs, Network Security Groups (NSG),

#### Auto Scaling Groups (ASG), subnets, with password storage through Azure Key Vault.

#### Implemented and integrated a complete cloud services framework (Iaas, Paas, SaaS) and Cloud deployment.

#### Implemented & maintained the branching and build/release strategies utilizing Subversion/GIT.

#### Created Ansible playbooks, which are the entry point for Ansible provisioning, where the automation defined through tasks using YAML format and run Ansible Scripts to depending on provision to servers.

#### Configured Web App and deployed it to Azure cloud server using Ansible.

#### Established and monitored Azure infrastructure for disaster recovery purposes and ensured optimal resource capacity.

#### Worked in a cloud environment, specifically Azure, by creating instances and migrating multiple applications to Azure.

#### Developed Azure Resource Manager (ARM) templates and proficient in designing custom build steps using PowerShell.

#### Environment: GIT, Jira, Linux, Windows, Jenkins, SQL, Python, Ansible, Nginx, Terraform, Microsoft Azure, Azure CLI.

### EDUCATION

##### Youngstown State University - Youngstown, OH

Masters in computing and Information Systems

##### College of Computer Science & Engineering JNTU - Kakinada

Bachelor of Technology (B.Tech.)

#### Honors

#### Worked as Vice-President for I&EDC (Innovation & Entrepreneurship Development Cell).