PRASANTH K
Cloud Operations Engineer

My Contact

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Skills

- **Cloud Platforms: Microsoft Azure**
- **Infrastructure as Code (IaC): Terraform**
- **Azure Services: VMs, Azure Functions, Azure app services, Azure Blob Storage, Recovery service vault**
- **Networking : Azure Virtual Networks, subnets, VPN , Azure ExpressRoute, NSG, Load Balancer, Application Gateway.**
- **IAM: Azure Active Directory, Conditional Access Policies , SSO**
- **Backup: Azure Backup and Restore**
- **Version Control: Git, GitHub**
- **CI/CD: Azure DevOps Pipelines**
- **Operating Systems: Linux (Ubuntu, RedHat) Windows**
- **Monitoring: Azure Monitor, Azure Log analytics, Patch Management.**

Education Background

Vellore Institute of Technology (VIT)

- **Master Of Technology (SE) (2016 - 2021)   CGPA : 7.9**

Certifications

- **AZ - 900 Microsoft Azure Fundamentals**
- **AZ - 104 Microsoft Azure Administrator**
- **SC - 300 Microsoft Identity and Access Administrator**

About Me

Dynamic IT professional specializing in Cloud infrastructure and Azure DevOps. Proven track record in designing, implementing, and optimizing Azure solutions to drive organizational success. Skilled in leveraging Azure tools and services to enhance system efficiency, reliability, and security. Passionate about delivering high-quality solutions and continuous improvement.

Professional Experience

Tata Consultancy Services (TCS) | ASDA-Retail | Cloud Operations *Engineer (Jun 2021 - Present)*

- **Utilized Terraform for automated Azure infrastructure provisioning, adhering to Infrastructure as Code (IaC) principles.**
- **Created and configured NSGs to enforce network security policies.**
- **Deployed ,configured and managed Linux and Windows VMs. Managed and modified Azure Function Apps/Logic Apps .**
- **Configured and managed Azure Storage Accounts, including Blob Storage, Table Storage, and File Storage, ensuring data integrity and accessibility.**
- **Set up and configured Azure Recovery Service Vaults for backup and site recovery.**
- **Configured and utilized Azure Monitor to collect and analyze telemetry data from Azure resources.**
- **Deployed and configured Azure Application Gateway and Load balancer.**
- **Expertise in Azure Networks, Storage, and VM management.**
- **Applied security patches (Manual and Automated) promptly to address vulnerabilities and maintained compliance with industry standards.**
- **Skilled in real-time issue troubleshooting.**

Tata Consultancy Services (TCS) | AVIVA | Azure Security *Engineer (Jun 2022 - Mar 2023)*

- **Implemented and managed Azure Active Directory to enhance Identity and access management.**
- **Executed Multi-Factor Authentication(MFA) strategies to fortify user authentication processes.**
- **Administered Self-Service Password (SSPR) mechanisms, ensuring secure and efficient password recovery**
- **Formulated and enforced Conditional Access Policies, bolstering security controls based on user conditions.**
- **Managing Virtual Network, Subnets, Network Security Groups, Application Security Groups.**
- **Utilized Azure Monitor to proactively identify and respond to security threats, ensure a robust and resilient security posture.**