AMIT KUMAR VERMA

DEVOPS ENGINEER

CONTACT

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EDUCATION

B. Tech. in CSE
from GCRG, AKTU
2014

SKILLS

- Microsoft Azure
- Terraform, Azure DevOps Pipelines.
- Git, Azure Repo, Azure DevOps.
- tfsec, TruffleHog, Checkov
- Docker (basic knowledge)
- Linux, Windows, PowerShell, Office 365.
- Problem-solving skills, Confident and Learning ability during work.
- Backup, restore and recovery procedures.

PROFESSIONAL OVERVIEW

Cloud Engineer with 7 years of total experience, including 3 years specializing in Azure Cloud. hands-on experience in designing, implementing, and managing cloud-based infrastructures on Azure. Proficient in automating cloud resource provisioning using Terraform, optimizing cloud environments for performance and cost efficiency, and leveraging Azure DevOps for streamlined CI/CD pipelines. Skilled in integrating security best practices using tools like tfsec, TruffleHog, and Checkov, while ensuring high availability and reliability of cloud services.

WORK EXPERIENCE

IT Officer
Brindavan Bottlers Pvt. Ltd.| Feb 2024 - Present

- Automated cloud resource provisioning and configuration management using Terraform, enabling consistent and repeatable infrastructure deployments.
- Proficient in managing and configuring Azure services such as Virtual Machines, Storage Accounts, Networking, etc. using Terraform.
- Employed tfsec to automatically scan Terraform code for security misconfigurations, reducing vulnerabilities before deployment.
- Configured and maintained security scanning using Checkov, ensuring compliance with industry security standards, and reducing risks in infrastructure code.
- Optimized cloud infrastructure cost management by setting up Azure Cost Management reports, reducing wastage by 25%.
- Experience in using Azure Monitor, Log Analytics, and Azure Cost Management to monitor infrastructure health, optimize resource usage, and manage costs.

System Administrator
i2k2 Networks Pvt. Ltd. | Jul 2023 - Feb 2024

- Deploying Azure VM, Virtual Networks (VNet), Azure Storage, Azure Functions, Azure Logic Apps, Azure Monitor, and Azure Active Directory, as per user requirements.
- Deployed Azure App Services for web applications, automating deployment through Azure DevOps, and ensuring continuous integration and continuous delivery (CI/CD) best practices.
- Maintained servers, systems, and network devices to keep networks fully

fully operational 24/7.

- Managed Azure Storage (Blob, Disk, File Storage), and implemented backup and disaster recovery strategies to ensure business continuity.
- Configured and supported virtual environments using VMware and Hyper-V, optimizing resource utilization.

Associate - Customer Support Engineer

Pentacle IT Solutions Pvt. Ltd. | Dec 2020 - Jun 2023

- Setting up Azure Virtual Machines, Networks, Storage, Functions, Logic Apps, Monitoring, and Active Directory according to user needs.
- Set up Azure Active Directory (AAD) for identity and access management, enabling secure authentication and authorization for cloud resources.
- Contributed to the configuration of cloud backup strategies using Azure Backup, and implemented disaster recovery planning to enhance business continuity.
- Handling domains, users, groups, and policies on Windows servers for different organizations.
- Installing and setting up VMware ESXi and Hyper-V to deploy various virtual machines.
- Provided technical support and troubleshooting through phone, email, and chat.

Hardware Engineer

Fasttech Technology Services Pvt. Ltd. | Dec 2019 - Nov 2020

- Managing domains, Active Directory users, organizational units (OUs), and group policies (GPOs) on Windows servers and accounts for various organizations.
- VMware ESXi and Hyper-V installation and deployment of different VMs.
- Managing and monitoring the HPC node system for genome sequencing.
- I have to maintain and administer computer networks and related computing environments, including systems software, applications, software, hardware, and configurations.
- Maintained servers and systems to keep networks fully operational during peak periods.

Hardware Trainer

Orion Edutech Pvt. Ltd. | May 2018 - Oct 2019

- Taking IT hardware and networking classes as per the NSDC syllabus.
- Scheduled classes based on availability of classrooms, equipment or instructors.
- Maintains a safe and healthy training environment by following government guidelines.
- Standards and legal regulations, and support other cross-functional activities.
- Preparing a progress report of trainees after each EPA and giving their feedback in PTM.
- Managing and Maintaining Hardware and IT Labs for Practical Classes.