N. M.

Azure DevOps Engineer

CERTIFICATIONS

Microsoft Certified: Azure Administrator Associate

HashiCorp Certified: Terraform Associate

TECHNICAL SKILLS

- AZURE
- AWS
- KUBERNETES
- HELM
- DOCKER
- TERRAFORM
- PROMETHEUS
- GRAFANA
- DATADOG
- LINUX
- JENKINS
- ANSIBLE
- PACKER
- PUPPET
- NGINX
- JAVA
- GIT /GITHUB
- MYSQL
- POSTGRESQL
- ARGOCD
- SPLUNK
- BASH / BASH SCRIPT
- PYTHON
- AGILE / JIRA
- HTML/CSS
- HOSTING

LANGUAGE

ENGLISH: UPPER INTERMEDIATE

PROFILE

Highly motivated and results-driven DevOps Engineer with a strong background in source code management, CI/CD practices, and DevOps methodologies. Proficient in utilizing GitHub Actions and GitLab CI/CD pipelines to streamline software development processes and optimize efficiency. Skilled in working with leading cloud computing platforms such as AWS and Azure. Experienced in infrastructure provisioning using Terraform, configuration management with Ansible, and containerization technologies with Docker and Kubernetes.

WORK EXPERIENCE

Ant Tech | Azure DevOps engineer

May 2021 – Present

- Developed, implemented, and maintained end-to-end CI/CD pipelines using Azure DevOps.
- Streamlined Docker container deployment on Azure Kubernetes Service (AKS) by leveraging Helm Charts, reducing manual tasks and boosting efficiency.
- Ensured secure and efficient data transmission by establishing TLS connections between Azure Kubernetes clusters and Azure SQL databases.
- Automated infrastructure provisioning using Terraform in Azure, ensuring consistent deployments across environments.
- Designed and managed scalable, secure, and highly available cloud-based systems and services in Microsoft Azure.
- Utilized Ansible playbooks for remote device tasks in Azure environments.
- Configured various Azure services such as Virtual Machines, Blob Storage, Virtual Networks, Azure DNS, Azure Load Balancer, and Azure Application Gateway using Terraform to minimize manual intervention.
- Managed and monitored cloud infrastructure on Azure, including AKS, Azure Blob Storage, and Azure SQL Database, implementing regular backups.
- Created and updated Azure VM images using Packer, optimizing image creation and management processes.
- Constructed secure, scalable, and flexible systems using Azure Virtual Network (VNet), deploying Virtual Machines on private and public subnets based on application requirements using Terraform.

EDUCATION

BACHELOR DEGREE IN COMPUTER SCIENCE

SIGMA SOFTWARE SOLUTIONS | DevOps engineer

Sep 2019 – May 2021

- Configured various AWS services such as EC2, S3, VPCs, Route53, ELB, ASG using Terraform to reduce manual work.
- Managed and monitored cloud infrastructure on AWS, including EKS, S3, and RDS, ensuring regular backups.
- Created and updated AWS AMI images using Packer, optimizing image creation and management.
- Constructed secure, scalable, and flexible systems using VPC, deploying EC2 instances on private and public subnets based on application requirements using Terraform.
- Strengthened CI/CD pipelines by integrating comprehensive security testing methodologies.
- Integrated security tests into the pipelines, including Azure Security Center, Azure Container Registry scanning, and Azure Defender for Container Security.
- Managed the deployment of Python and Java applications on Azure Kubernetes Service (AKS) using Terraform and Helm, ensuring smooth application deployment, optimal performance, and efficient handling of containerized workloads.
- Automated deployment processes using Azure CLI scripting, enhancing workflow efficiency.
- Successfully provisioned Azure Kubernetes clusters, cluster tools, and microservices by developing Terraform templates for seamless deployment.
- Implemented and configured monitoring and log management solutions such as Azure Monitor, Azure Log Analytics, and Grafana within Azure Kubernetes Service (AKS) clusters.
- Refactored monolithic applications into microservices using Docker containers, facilitating easier deployment within Azure Kubernetes Service (AKS) clusters.
- Implemented Azure Key Vault for secure storage and controlled access to sensitive data.
- Automated infrastructure provisioning and configuration management using Ansible and Terraform on Azure.