

DevSecOps Lead

Vissat Solutions – Herndon, VA

Job description

Duties: DevOps/Cloud Lead(s)

- Lead the team of cross-functional IT personnel in establishing the agency's cloud infrastructure in Azure.
- Design and deploy scalable, highly available, and secure cloud infrastructure that supports various applications and workloads.
- Utilize Infrastructure as code (IaC) principles to automate the provisioning of Azure resources using Terraform.
- Design and implement enterprise scale cloud network solutions including virtual networks, subnets, security, groups, VPNs, VNet peering, and ExpressRoute.
- Implement secure identity and access management solutions using Azure AD, Role-based access control and multi-factor authentication to ensure a Zero-Trust architecture across subscriptions, resource groups, and workloads.
- Design and implement for high availability and disaster recovery utilizing Azure Availability sets, Availability Zones, and Azure Site Recovery.
- Implement proactive measures to monitor, analyze, and optimize the cloud environment ensuring high availability and optimal resource utilization.
- Collaborate with Security, Infrastructure, Enterprise Architecture, and DevOps to ensure seamless integration of applications and services across the organization.
- Responsible for management and development of continuous integration and deployment solutions for production applications.
- Spearhead the creation of new technology infrastructures; and lead the team of cross-functional IT personnel to survey existing, non-cloud workloads and develop cloud native solutions to rehome them to the agency's Azure platforms.
- Responsible for creation of software deployment strategies that allow DevOps engineers to successfully deploy sites/software in any environment.
- Implement proactive measures to monitor, analyze, and optimize the cloud environment ensuring high availability and optimal resource utilization.
- Assess and manage production outages and troubleshooting.
- Ensure security

Skills

- Minimum of 6 years of experience designing and implementing highly available architecture, Azure Identities and Governance, Storage and Compute resources, Virtual Network configuration and hybrid connectivity solutions, Azure policy, and proactive monitoring.
- Minimum of 6 years of experience developing and deploying Infrastructure as Code (IaC) leveraging Terraform invoked through Visual Studio (or other integrated development environments (IDE)), Azure Cloudshell, or automated CI/CD pipelines.
- Minimum of 6 years of experience as a DevOps Engineer with a strong focus on Azure technologies; and a deep understanding of government, commercial, and public cloud offerings, and limitations.
- Azure Certification (e.g., Microsoft Certified Azure Administrator Associate or Azure Solutions Architect Expert).
- Demonstrated knowledge of Azure user service offerings including Autopilot/Intune, SharePoint, Exchange, O365/M365, OneDrive, and Azure Active Directory (AD).
- Exceptional verbal and written communication skills to effectively present strategies and solutions; and facilitate communication and collaboration with business stakeholders, ACIOs and customers.
- Demonstrated experience developing IaC with Terraform and ARM templates.
- Proficiency in scripting languages such as PowerShell, Bash, and Python.
- Hands-on experience developing and refining CI/CD approaches through Azure DevOps or combining cloud-agnostic equivalents like Gitlab, Jenkins, and Artifactory.
- Deep knowledge of containerization technologies such as Kubernetes, Docker, and/or Azure Managed Kubernetes Service (AKS).
- Experience evaluating and migrating on-prem workloads and translating to cloud native solutions (e.g., IAM, VMs, AKS, App Service, Vault).
- Azure certification (e.g., Microsoft Certified Azure Administrator Associate or Azure DevOps Engineer Expert).
- Exceptional verbal and written communication skills to effectively supervise and lead DevOps team duties; and facilitate communication and collaboration with business stakeholders, ACIOs and customers.

Job Types: Full-time, Contract

Pay: \$115.00 - \$120.00 per hour

Schedule:

- Monday to Friday

Work Location: Hybrid remote in Herndon, VA 20170