Moditya K M

Senior Azure Engineer, 8+ years experience
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I am a Senior Azure Engineer with 8 years of experience specializing in Identity & Access Management (IAM) and DevOps automation. My expertise includes Azure RBAC, Conditional Access, PIM, Access Reviews, and implementing secure identity architectures aligned with Zero Trust principles. I have strong hands-on experience in automating cloud operations using PowerShell, Azure CLI, and Terraform for Infrastructure as Code (IaC). I work extensively with Azure DevOps and GitHub Actions for CI/CD pipeline automation. With a deep understanding of identity governance, compliance, and least-privilege security models, I ensure scalable and secure cloud environments. I am committed to delivering efficient, secure, and reliable Azure infrastructure solutions with a security-first approach.

INDUSTRIES: Software Development, Social Networking, Software and Platforms

TECHNICAL SKILLS

• Azure Cloud	8 years
• Azure DevOps	8 years
• IAM	8 years
• Infrastructure as Code	8 years
• Docker	8 years
• Monitoring Tools	8 years
• Python	6 years
• Powershell	6 years

SOFT SKILLS

Problem-solving, Critical thinking

PROJECT DETAILS

• Senior Azure Engineer

Project Description: Experienced in architecting and automating Azure cloud and IAM solutions using Azure AD/Entra ID, Terraform, PowerShell, and Microsoft Graph. Skilled in building secure CI/CD pipelines, implementing SSO and identity governance, and integrating service principals and managed identities. Proficient in Azure Monitoring, Log Analytics, and KQL for troubleshooting and compliance. Strong hands-on expertise with Git-based workflows across Azure DevOps and GitHub.

Responsibilities: Designed and managed Azure IAM policies including RBAC, conditional access, and role assignments. Automated IAM operations using PowerShell scripts for provisioning, remediation, and compliance reporting. Implemented Terraform modules for Azure resource deployment with a focus on secure access control. Collaborated with DevOps and security teams to standardize secure deployment practices using CI/CD pipelines. Troubleshot IAM authentication, access issues, and Azure AD integration problems across cloud services

Technologies: Microsoft Azure (Cloud Services & Infrastructure), Azure Active Directory Entra ID (IAM, RBAC, Conditional Access), Terraform (Infrastructure as Code Modules, State, AzureRM), PowerShell Scripting (Automation, Runbooks, Compliance Tools), Microsoft Grap

Industry: Software Development

• Azure DevOps Engineer

Project Description: Configured Azure IAM for PaaS services by establishing secure access controls and automated identity governance workflows. Implemented Zero Trust aligned authentication models leveraging managed identities, OAuth2 flows, and centralized policy enforcement. Enhanced application security through least privilege access design and continuous identity validation. Streamlined compliance and operational efficiency by integrating automated identity checks across cloud resources.
Responsibilities: Configured Azure IAM for PaaS services and automated identity governance workflows. Implemented Zero Trust aligned authentication including managed identities and OAuth2 flows.
Technologies: Microsoft Azure (PaaS Services) App Services, Functions, Storage, Key Vault, Azure Active Directory Entra ID IAM, Conditional Access, RBAC, Managed Identities System/User assigned for secure authentication, OAuth2 OpenID Connect App authentication &
Industry: Social Networking

• DevOps Engineer

Project Description: Effectively managed RBAC roles, service principals, and identity controls to secure Azure and DevOps environments. Implemented governance-driven access models ensuring least-privilege and compliance. Developed CI/CD pipelines with tightly integrated authentication workflows using managed identities and service principals. Enhanced deployment security and operational efficiency through automated identity validation and access workflows.
Responsibilities: Managed RBAC roles, service principals, and identity controls for DevOps resources. Developed CI/CD pipelines with integrated secure authentication workflows.
Technologies: Microsoft Azure (Resource Management, IAM),Azure Active Directory / Entra ID (RBAC, Service Principals, Enterprise Apps),Azure DevOps (Repos, CI/CD Pipelines, YAML), Terraform (AzureRM Provider, IAM Policies, SPN creation), PowerShell (Automation, Identit
Industry: Software and Platforms

EDUCATION

• Bachelors degree in Bachelor of Technology Computer Science from University 2015 - 2019

LANGUAGES

• English - native

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