

NARAYANA ARAVINDH KUMAR

 Azure DevOps Engineer

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OBJECTIVE

Cloud & DevOps Engineer with 3.3 years of IT experience, including 2 years in Enterprise Applications and 1.3 years in DevOps and cloud engineering. Skilled in Microsoft Azure, Terraform, Docker, Kubernetes, and CI/CD automation with Azure DevOps. Strong background in Active Directory (On-Prem & Hybrid), identity management, and Windows/Linux administration. Seeking a role where I can leverage both my enterprise applications foundation and DevOps expertise to deliver secure, scalable, and efficient cloud solutions.

TECHNICAL SKILLS

Cloud Platforms	 Microsoft Azure,  AWS
Identity & Access Management	 MS Entra ID Active Directory (On-Prem)
Operating Systems	Windows Linux
DevOps	 Azure DevOps  Terraform  Docker  Kubernetes (Pods, Replica Sets, Deployments, Services)  Jenkins
Programming & Scripting	python
AI & Smart Workflows	ChatGPT, Perplexity Ai

EDUCATION

- Bachelor of Engineering from Sri Chandrasekharendra Saraswathi Viswa Maha Vidyalyaya (SCSVMV University), Affiliated to Anna University, Tamil Nadu. **CGPA: 8.7 / 10**

Certifications

- Microsoft Azure AZ900



PROFESSIONAL EXPERIENCE

Wipro Technologies:

❖ **Client Name: KIER Group**

Dec 2021 -Dec2023

➤ Enterprise Applications

- Provided robust support to the Enterprise Applications like CPA,CFA, Infor Q& A ensuring efficient resolution of technical issues.
- Worked on the Sales Module for few months in CRM Team, delivering innovative solutions to meet client requirements.
- Developed a C# script to extract encrypted CRM attachments from MS SQL, converting them into readable files as part of a client-specific project.



Jan 2024 -March 2025

- Managed end-to-end deployment of enterprise web applications using **Azure DevOps Pipelines (CI/CD)**, automating build, test, and deployment processes for improved efficiency and reduced downtime.
- Developed and maintained **Azure DevOps YAML pipelines** to deploy .NET and Java-based applications across multiple environments (Dev, UAT, Production).
- Configured pipeline stages for build, artifact management, deployment approvals.
- Deployed .Net, Java Applications to AKS cluster, used ACR for storing images

- Integrated **Terraform** for Infrastructure as Code (IAC) deployment, ensuring consistent infrastructure provisioning across environments.
- Managed Azure App Services, Web Apps with automated deployments.
- Implemented **blue-green deployments** and **rolling updates** to minimize downtime during production releases.
- Handled version control using **Git** repositories integrated with Azure DevOps for collaborative development and branching strategies (GitFlow).
- Managed release cycles, rollback strategies, and post-deployment validations for enterprise applications

➤ **Azure Entra ID and Active Directory**

- Managed hybrid identity infrastructure by integrating Azure Entra ID with on-premises Active Directory using Azure AD Connect, including Password Hash Sync (PHS), Pass-through Authentication (PTA), and Seamless Single Sign-On (SSO) for secure and seamless authentication.
- Administered on-premises Active Directory with responsibilities including user provisioning, OU structure management, group policies, and identity synchronization to Azure.
- Enhanced security and access management by implementing Self-Service Password Reset (SSPR), Password Protection, Role-Based Access Control (RBAC), Privileged Identity Management (PIM), Conditional Access, and device compliance policies through Azure Entra ID.

➤ **Azure Infrastructure & General Cloud Administration**

- Created and managed Azure resources, including Virtual Machines (VMs), Storage Accounts, and Load Balancers.
- Built and secured Azure Storage and App Services using Private Endpoints.
- Performed backups of operating systems using snapshots and upgraded VM sizes across tiers.
- Expanded disk capacity and added additional disks to Virtual Machines as required.
- Implemented security protocols using Network Security Groups (NSGs) to allow secure port access.
- Secured connectivity between VMs and Azure SQL Databases using Private Endpoints.
- Monitored Azure resources to optimize performance and ensure cost-effective infrastructure management.

Roles and Responsibilities

Incident Management

- Responded to and resolved incidents within defined **Service Level Agreements (SLAs)**, ensuring minimal downtime and efficient issue resolution.
- Documented all incidents thoroughly to facilitate future reference and support continuous improvement initiatives.

Monitoring and Maintenance

- Monitored application performance proactively, identifying potential issues and implementing preventive measures to maintain system reliability.
- Maintained up-to-date and accurate documentation for all applications, including detailed troubleshooting guides to streamline resolution processes.

User Support

- Provided technical assistance to end-users, ensuring a seamless and positive user experience.
- Addressed user concerns promptly and effectively, enhancing satisfaction and trust in IT services.