

# NARAYANA ARAVINDH KUMAR

**A** Azure DevOps Engineer

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## OBJECTIVE

Dynamic IT professional with 3.3 years of experience in Hybrid cloud engineering, specializing in infrastructure management and DevOps practices. Eager to apply my expertise in Azure services, Terraform, Docker, Windows Server Management and Active Directory to a challenging role where I can contribute to building scalable, secure and efficient cloud-based solutions.

## TECHNICAL SKILLS

<b>Cloud Platforms</b>	Microsoft Azure
<b>Identity &amp; Access Management</b>	MS Entra ID Active Directory (On-Prem & Hybrid)
<b>Operating Systems</b>	Windows Linux
<b>DevOps</b>	Azure DevOps Terraform Docker Kubernetes (Pods, Replica Sets, Deployments) Jenkins
<b>Programming &amp; Scripting</b>	C#, Python
<b>AI &amp; Smart Workflows</b>	ChatGPT, Perplexity Ai

## EDUCATION

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

## Certifications

- Microsoft Azure AZ900



## PROFESSIONAL EXPERIENCE

### Wipro Technologies:

❖ **Client Name: KIER Group**

**Jan 2022 -April 2023**

#### ➤ 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.



**May 2023 -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.
- 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.