

# Sundar Babu A

Quick-learning and Self-motivated Cloud Engineer with  
Azure Administrator

Azure Solutions Architect

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## Work Experience

### 1. Mindsprint Digital Pvt limited | Cloud Engineer (July 2023 - Present)

#### Key - Responsibilities:

- Currently working as a Cloud Engineer with primary expertise in Microsoft Azure and secondary experience in AWS and GCP, **specializing in Infrastructure as Code (IaC)**, containerization, CI/CD pipelines, and a wide range of DevOps tools."
- Provided holistic CloudOps support—**from initial cloud setup and migration to ongoing monitoring, cost optimization**, and performance tuning.
- Expertise in architecting and implementing Azure core services offering such as, **Compute, Storage, PAAS databases and Networking Services, Identity and Access Management, Logging and Monitoring**.
- Developed and implemented a **Landing Zone on Azure using Infrastructure as Code**. Expertise in writing **Terraform Reusable Modules** in Azure cloud environments.
- Designed and implemented **secure cloud foundation** for multiple client projects using **azure recommended security best practices**.
- Implemented Cloud FinOps strategies to optimize Azure environments by utilizing **reserved instances, right-sizing workloads** through performance analysis, and **automating resource shutdowns during non-business hours** using Azure Automation.
- Deployed and managed a containerized application **on Azure Kubernetes Service (AKS)** using a fully automated CI/CD pipeline, ensuring efficient, repeatable, and secure delivery processes.
- Well trained in **Kubernetes administrative tasks** such as, creating deployment, services, secrets, configmaps, persistent volumes and configuring Prometheus, Ingress, network policies etc.
- Designed and implemented a Data warehouse services such as **Azure Synapse Analytics, Azure Data Factory, Analysis services and Microsoft Fabric**.
- Deployed and operationalized Azure AI services—including **Cognitive Services, Azure Machine Learning, and LUIS**

## Technical Skills:

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| <b>Cloud Technologies</b>              | Microsoft Azure, AWS, GCP                              |
| <b>Containerization Tools</b>          | Docker, Kubernetes, AKS                                |
| <b>Infrastructure management Tools</b> | Terraform  |
| <b>CI/CD tools</b>                     | Jenkins, Git, GitHub, Ansible                          |
| <b>Data-Engineering Tools</b>          | Azure Data factory, Azure Synapse, Redshift, big query |
| <b>Certifications</b>                  | ITIL 4, Azure Administrator, Azure Solutions Architect |

## Projects

### 2. Landing Zone in Azure:

- Involved in **Discovery and Planning** of client's business objectives, applications, and data requirements.
- Designed and Implemented **Dual Landing Zone Architectures** in Azure Traditional Hub-and-Spoke Model and Azure Virtual WAN (vWAN) Model
- Created **Azure Tenant**, Configured **Billing Accounts**, Assigned appropriate EA Admin role to users.
- Analyzed client's organizational setup and Build appropriate Resource Hierarchies like **Management Groups, Subscriptions and Resource groups and required elements**.
- Designed and implemented a Network Architecture that outlines the required **VNet, Subnet, firewall, Private DNS Zone and Route Table**.
- Implemented **Azure Express Route** enabling dedicated connectivity between On-Premises and Azure while maintaining **S2S tunnel** for **Non-MPLS or Non- SDWAN locations**.
- Designed and deployed a **Point-to-Site (P2S) VPN** solution in Microsoft Azure to enable secure, encrypted remote access user to Azure virtual networks from individual client machines.
- Enabled centralized governance using **Azure Policy, Blueprints, and Role-Based Access Control**
- Configured **Monitoring and Logging** tools to track resource usage, performance, and capture system events using **Azure Insights, SCOM, telegraf and Grafana**.
- Implemented a secure and scalable solution to **ship logs from Azure resources to Splunk**, enabling centralized security monitoring, threat detection, and compliance auditing.
- Implemented **Azure Microsoft defender recommended** Security Best Practices.

## Other Projects:

- Designed and implemented **Snowflake-based data analytics projects** integrated with a dedicated Snowflake tenant deployed on Microsoft Azure, enabling scalable, secure, and high-performance **data warehousing and analytics**.
- Provisioned and configured **Azure Databricks workspaces for scalable data engineering** and analytics workloads in Azure Cloud.
- Configured **Azure Site Recovery (ASR) to replicate SAP VMs** to a secondary Azure region for disaster recovery.
- Led the end-to-end implementation of **greenfield deployment projects**.
- Took charge of migrating a **single SQL database, enhancing its flexibility and efficiency**
- Successfully planned and executed a **tenant-to-tenant migration** in Microsoft Azure, typically due to **mergers, acquisitions, or organizational restructuring**.

### 3. LTIMINDTREE, Chennai | Senior Engineer | 11/2018 - 06/2023

- Integrated and configured authentication via Azure AD, facilitating **OAuth2 and SAML** support across various entry points.
- Built and administered Azure services including **virtual machines, Storage Account, KeyVault, Application Gateway, App service, Function app**, configurations to effectively meet customer needs.
- Utilized various tools and technologies such as **Kubernetes, ACR, Service bus, SQL database** setup to enhance application DR.
- Consistently conducted **AKS upgrades while adhering to N-1 standards**, effectively resolving pod and service level problems
- Experienced in managing ITIL processes including **Incident, Request, Change, and Problem Management, along with Knowledge Base (KB)** Management to ensure efficient service delivery and continuous improvement.

### 4. Linux Support |SRM Technologies|10/2015 - 09/2018

- Provided comprehensive **end-to-end support for Linux environments**, ensuring system stability, performance, and security across development, testing, and production workloads.

## Professional Experience

- **Total Experience:** 9 Years 8 months
- **Current Organization:** Mindsprint Digital Pvt limited, Chennai.
- **Current role:** Cloud Engineer

## | Educational Credentials

Diploma in Electronics and  
Communication Engineering – SRM  
University | Kattangulathur