Karan Gowda

Azure Cloud Engineer

4x Microsoft Certified Azure Cloud Engineer with 1+ years of experience in cloud infrastructure management and automation. Skilled in Terraform, Infrastructure as Code (IaC), Azure resource provisioning, cost optimization, monitoring, and database management.Proven ability to collaborate with cross-functional teams and apply strong problem-solving and troubleshooting skills to deliver scalable, secure, and cost-effective cloud solutions.

karanoncloud@gmail.com | 7411302344 | Bengaluru | karan gowda

WORK EXPERIENCE

Cloud Engineer

Centilytics (now Zarthi)

05/2024 - 06/2025

- Optimized Cloud Infrastructure Deployment: Designed and Automated the Azure cloud infrastructure provisioning (VMs,VNet, Key Vault, Storage Accounts) using IaC tools like Terraform.
- Production Issue Resolution: Actively resolved critical bugs and production issues reported by clients/users, ensuring minimal downtime, improved system performance, and enhanced user satisfaction.
- Cost Optimization and Governance: Reduced cloud operational costs by 3% through Azure DevOps pipelines to delete unused resources, enforce RBAC and manage Microsoft Entra ID group assignments and access governance.
- Data Migration across resources using Azure data factory and Azure migration services.
- MySql - Familiarity with Data Definition Language,Data Manipulation Language,Data Query Language and Data Control Language.
- Networking - Working experience with Azure firewall, subnetting,Network security groups ,Load testing , VNet Peering, Bastion ,NAT Gateway.
- Active monitoring of resources with site24x7,Configuring log Analytics Workspace,Application insights. Creating Metrics for Azure services through Azure Monitor.
- Familiarity with REST api, Azure ARM, Github.
- Deployed scalable solutions using Availability Sets, Load Balancers, and VMSS (Virtual Machine Scale Sets)
- Hands on experience Azure automation by creating Run books and scheduling jobs.
- Proficient in handling Microsoft Infrastructure-related L1 and L2 issues.
- Created end to end project to automate mailing to all 300 employees on their Birthday and work anniversary.
- Basic knowledge on AI Foundry.

Azure Cloud Engineer

Leading real estate firm

10/2024 - Present

- Successfully integrated Datadog to entire cloud infrastructure.
- Created cost estimation (BOM) for the azure resources ,Gap analysis b/w reference architecture and target architecture. Governance reports.
- Customized and deployed Azure services that aligned with clients' strategic goals, driving their business success and technological advancement.
- Automated Azure resource cleanup using scheduled scripts and tagging policies—reduced unused resources

EDUCATION

Bachelor Of Engineering-Information Science East West Institute Of Technology (V.T.U)

08/2016 - 08/2020

SKILLS

AZURE | TERRAFORM | MY/MS SQL | LINUX | GIT/GITHUB | SCRIPTING | DEVOPS

CERTIFICATIONS


Microsoft: Azure AI Fundamentals (AI-900) Click here


Microsoft: Azure Data Fundamentals (DP-900) Click here


Microsoft: Azure Fundamentals (AZ-900) Click here


Hashicorp: Terraform Associate 003 Click here

ACHIEVEMENTS

Microsoft learn student ambassador Click here
Won NinjaBee at Centilytics for best performance

ACADEMIC PROJECTS

SENTIMENT ANALYSIS

- https://github.com/Karangowda/sentiment-analysis
- Used Vader model,Roberta model and Hugging face for analysis. Dataset-kaggle.
- Libraries -Pandas, Numpy, Seaborn,Matplotlib.
- Used natural language processing like NLTK . Applied sentiment analysis to Amazon reviews.

FORMULA 1

- https://github.com/Karangowda/azure-formula1
- Cloud-Azure. Languages-Python, Sql Tools-Pyspark, Databricks, Unity Catalog, Azure data factory, Key vaults, Data Lake.
- Dataset-Ergast. Architecture - Medallion . Engineered pipelines in data factory with triggers. Created workflows to automate notebooks.
- Used DataBricks for complex data manipulation and transformation. Designed jobs. Mounted external storage. Filtered data.Implemented Data governance. Partition of datasets. Data visualization.