Akash Majumdar

Azure Platform Engineer | Microsoft Certified AZ-104 & AZ-305

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Summary

Azure platform engineer with hands-on experience building APIs and automation for an enterprise Azure tenant. Builds and publishes APIs on Azure Functions and Azure API Management, governs the tenant with Azure Policy, and provisions infrastructure with Terraform and Bicep through GitHub Actions. Microsoft Certified Azure Administrator (AZ-104) and Azure Solutions Architect Expert (AZ-305).

Experience

CirrusLabs Bengaluru, Karnataka

SDE | Full-time, Hybrid | Azure Platform Team **Jan 2026 – Present**

- **Built 3 APIs** on **Azure Functions**, including a **Resource Lock Manager** and **Management Group Manager** (full CRUD).
- **Published the APIs to customers** through **Azure API Management**.
- **Built GitHub automation** to sync repositories across GitHub organisations.
- **Built a README generator** using **MCP** (Model Context Protocol) to document repositories automatically.
- **Maintain Azure Policy** across the tenant and provision infrastructure with **Terraform** and **Bicep**.

Rising Star (Internship) | On-site **Jun 2025 – Dec 2025**

- **Joined the Azure platform team** through the Rising Star internship and converted to a full-time SDE role.
- **Worked on infrastructure-as-code** templates, container builds, and **PowerShell** and **Bash** scripts.

Skills

Azure: Functions, API Management, Azure Policy, Logic Apps, Blob Storage, VNets, Traffic Manager, Application Gateway
Infrastructure as Code: Terraform, Bicep, ARM templates
CI/CD & Automation: GitHub Actions, Azure DevOps, MCP
Containers: Docker, Kubernetes
Languages & Scripting: C#/.NET, PowerShell, Bash, Python
Monitoring & Version Control: Azure Monitor, Git
Systems & Networking: Linux, Windows, TCP/IP, DNS, OSI Model, Load Balancers

Projects

Serverless Image Processing | Logic Apps, Blob Storage, Flask, ImageMagick **Feb 2025 | GitHub**

- **Built an event-driven pipeline** with **Azure Logic Apps** and a **Python Flask API** to process images in **Blob Storage**.
- **Automated resizing and watermarking** with **ImageMagick** in a **shell script**, provisioned with Azure CLI.

Load Balancing Architecture for Tyrell Corp | Traffic Manager, Application Gateway **Jul 2024 | GitHub**

- **Designed and deployed** a multi-region Azure application using **Traffic Manager**, **Application Gateway**, and **VNets**.
- **Implemented region-based traffic routing** to optimise response times for dynamic web pages and image content.

Inbox Lifecycle Automation System | Google Apps Script, GmailApp, MailApp **GitHub**

- **Built a scheduled automation** that applies lifecycle rules to selected senders, old spam, and Social mail in **Gmail**.
- **Logs every run** and emails a summary report through **MailApp**, so no cleanup happens silently.

Certifications & Training

- **Microsoft Certified: Azure Solutions Architect Expert (AZ-305)**
- **Microsoft Certified: Azure Administrator Associate (AZ-104)**
- **Simplilearn Master's Program: Azure Cloud Architect** (training), Dec 2023 – Nov 2024

Education

Bachelor of Science (Biotechnology, Zoology & Chemistry) **2020 – 2023**
Technocrats Institute of Commerce & Sciences, Barkatullah University, Bhopal | CGPA 7.2/10

Achievements

- **First prize three years in a row** at Science Day competitions sponsored by MPCST Bhopal.
- **Led poster projects** on Eco-Friendly Sciences, CRISPR Technology, and ADAS Control in Cars.
- **Runner-up** in an inter-college cricket tournament, and participated in multiple quiz competitions.