

SOWMYA CHERUKURI

Azure DevOps Engineer | Cloud & Automation Specialist | Hyderabad, India

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Professional Summary

Azure DevOps Engineer with 5+ years of experience in Azure cloud infrastructure, CI/CD automation, Infrastructure as Code (IaC), and release management. Experienced in designing scalable deployment pipelines, automating cloud provisioning, improving application reliability, and supporting enterprise cloud transformation initiatives. Strong expertise in Azure DevOps, Bicep, Terraform, ARM Templates, GitHub Actions, monitoring, and cross-functional collaboration.

Technical Skills

- Cloud Platforms: Microsoft Azure (IaaS, PaaS)
- DevOps Tools: Azure DevOps, Azure Pipelines, GitHub Actions
- Infrastructure as Code: Bicep, Terraform, ARM Templates, YAML
- CI/CD: Build & Release Pipelines, Automated Deployments
- Monitoring: Azure Monitor, Application Insights
- Scripting: PowerShell, Bash
- Version Control: Git, Azure Repos, GitHub
- Databases: SQL Server, MySQL
- Tools: VS Code, Postman
- Operating Systems: Windows

Professional Experience

Infosys | Senior Systems Engineer | Client Bank of America | Jan 2024 – Present

- Designed and implemented enterprise-grade CI/CD pipelines using Azure DevOps.
- Automated infrastructure provisioning using Bicep, Terraform, ARM Templates, and YAML pipelines.
- Integrated Azure PaaS services to improve scalability, security, and performance.
- Led cloud migration activities with minimal downtime and improved deployment efficiency.
- Implemented monitoring and alerting using Azure Monitor and Application Insights.
- Collaborated with development, QA, and architecture teams to establish DevOps best practices.

Infosys | Senior Systems Associate | Client ABN Amaro | Jul 2021 – Dec 2023

- Developed and maintained CI/CD pipelines for multiple business applications.
- Created reusable pipeline templates to standardize deployment processes.
- Managed Azure resource deployments using ARM, Bicep, Terraform templates and YAML.
- Resolved build, release, and infrastructure issues to ensure service availability.
- Supported cloud migration and environment modernization initiatives.

Key Project Highlights

- Implemented standardized CI/CD frameworks reducing onboarding effort for new applications.
- Automated infrastructure deployment processes, improving consistency across environments.
- Successfully supported migration of multiple applications to Microsoft Azure.

Certifications

- Microsoft Certified: Azure Fundamentals (AZ-900)
- Microsoft Certified: Azure Administrator Associate (AZ-104)
- Microsoft Certified: DevOps Engineer Expert (AZ-400)
- Infosys Certified Open Chain Practitioner
- Certified Public Cloud Professional
- Infosys Global Agile Developer

Education

Bachelor of Science (B.Sc), Aditya Women's Degree College | 2017 – 2020

Intermediate, Gayathri Junior College | 2015 – 2017

SSC, Saraswathi Vidya Vihar | 2014 – 2015

Additional Information

Date of Birth: 24-05-2000

Languages: English, Hindi, Telugu