

# Amala Vargish

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## DEVOPS ENGINEER

Dedicated and Certified Cloud Developer with a robust 5-year track record in the IT industry. Demonstrated expertise in designing, implementing, and maintaining robust Azure environments. Proficient in Microsoft Azure DevOps and Cloud Computing, with a strong command of Automation and Orchestration. Skilled in Cloud Networking and Cloud Security, ensuring robust and secure Azure solutions. Possesses an in-depth understanding of the Azure Cloud Adoption Framework, utilizing industry best practices and tools for efficient management and governance of Azure Cloud services. Adept at automating Azure Cloud Services through infrastructure as code using Terraform, ensuring seamless and scalable solutions.

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## KEY COMPETENCIES

- Public Cloud: Microsoft Azure
  - IaC Automation: Terraform, Azure DevOps, Terraform Cloud
  - Scripting: PowerShell, CLI, YAML, Rego
  - Operating Systems: Windows, Linux
  - Version Control Tools: Git
  - Additional Tools: IBM Tivoli Storage Manager, IBM BMC ControlM, HP VTL Administration (6500, 5500, 5250), Hitachi Storage Administration
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## PROFESSIONAL EXPERIENCE

**Motifworks India Pvt. Ltd., Pune, Maharashtra**  
**DevOps Engineer**

**Nov 2023 - Present**

- Prepared a wide range of written communications, including detailed Design Documents and Workflow Documents, ensuring streamlined and efficient operations.
- Automated cloud resource provisioning using Terraform and Azure DevOps, leading to a 25% decrease in resource deployment time.
- Developed and managed multiple CI/CD pipelines using Azure DevOps, streamlining the provisioning process.

**Tata Consultancy Services, Kochi, Kerala**  
**Azure DevOps Engineer**

**Feb 2021 - Nov 2023**

- Successfully deployed and managed various Azure services, including Virtual Networks, Subnets, NSGs, Azure Bastion, Storage Accounts, Azure Firewall, Key Vaults, Virtual Machines, Cosmos DB, Redis Cache, Azure SQL Server, Azure SQL Database, Web Apps, and Function Apps, Log Analytics, Azure Monitor.
- Proficient in Azure DevOps Services, especially in Azure Pipelines, Repos, and Boards, with expertise in CI/CD YAML pipeline creation for efficient resource delivery.
- Demonstrated expertise in serving as a trusted advisor to diverse clients, offering insightful consultancy in the realms of Azure DevOps, infrastructure optimization, and cloud adoption best practices.
- Automated Azure Cloud Services provisioning with Terraform and Azure DevOps, resulting in a 40% reduction in provisioning time.
- Strong expertise in Source Code Management (Version Control System) tools like Git.
- Utilized Terraform and Azure DevOps for Infrastructure as Code (IaC) and CI/CD pipelines, reducing manual configuration errors by 50%.
- Developed reusable Terraform modules in Azure and demonstrated expertise in Azure portal administration and CI/CD pipeline creation using Azure DevOps.

- Demonstrated expertise in test-driven development and continuous integration practices, ensuring high-quality deliverables.
- Formulated and updated policies and procedures to adhere to industry regulations and best practices.
- Developed Azure Security Policies for the entire client environment.
- Converted existing policies into Terraform modules from ARM, enhancing operational efficiency and scalability.
- Collaborated closely with Cloud Architects to establish and maintain transparent and efficient communication, thereby ensuring the successful completion of tasks in accordance with client expectations.
- Exhibited a track record of thriving in AGILE environments and teams, adeptly applying methodologies like Scrum to deliver results.

**Tata Consultancy Services, Kochi, Kerala**

**Jan 2019 - Feb 2021**

**Storage & Backup Admin**

- Installed and configured both Windows and Linux servers with TSM backup clients.
- Configured and supported backup clients, achieving a 99% success rate for backup and restore operations.
- Proficient with incident management tools and provided Tier-2 support for Backup and Storage Administration.
- Implemented new nodes, backup schedules, and associations.
- Monitored administrative schedules, resource usages, and adjusted them as needed, improving efficiency by 30%.
- Created knowledge base documents, enhancing issue resolution speed by 40%.
- Performed NAS restores and resolved user issues related to NAS shares.

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## EDUCATION

- **PGDBM – Information Technology and Systems (72%), 06/2022**  
NMIMS Global Access - School for Continuing Education
- **B.Tech-Computer Science (82%), 06/2018**  
College of Engineering Karunagappally, Kollam

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## CERTIFICATION

- Microsoft Azure Fundamentals (AZ-900)
  - Microsoft Azure Administrator (AZ-104)
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