Mohammed Nouman Shariff

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SUMMARY

Computer science graduate with hands-on experience in Azure and Terraform, skilled in deploying scalable infrastructure, automating network peering, and implementing security controls. Certified in Azure Fundamentals and Cybersecurity Essentials. Proven ability to apply Infrastructure as Code to real-world projects, reducing deployment time and enhancing system reliability.

EDUCATION

Bachelors of Engineering (B.E) in Computer Science and Engineering
Visvesvaraya Technological University ,MIT Mysore
Graduation: July /2025

EXPERIENCE

Technical Support Coordinator – Hackathons & Placement Drives
MIT Mysore | 2023 – 2025

- Provided on-site IT and technical support during multiple college hackathons and placement drives.
- Assisted participants with software installation, IDE setup, and basic troubleshooting of laptops and connectivity issues.
- Coordinated system and network setup (WiFi, projectors, lab systems) to ensure smooth event operations.
- Supported placement drive activities by helping students with online test setups, login assistance, and resolving last-minute technical issues.
- Worked under time-sensitive conditions, demonstrating problem-solving, communication, and teamwork skills.

PROJECTS

1. **Terraform-based Azure VM Scale Set Deployment with autoscaling**
- Built production-ready Azure infrastructure using Terraform (VM Scale Sets + Load Balancer + NAT Gateway).
- Implemented autoscaling based on CPU metrics, reducing manual scaling effort by 80%.
- Configured secure outbound connectivity and applied NSG rules to enhance security posture.

2. **Azure Virtual Network Peering Automation using Terraform**
- Automated VNet creation, subnet provisioning, and bidirectional peering across multiple VNets.
- Enabled seamless cross-network communication between Ubuntu VMs.
- Demonstrated Infrastructure as Code (IaC) best practices, reducing deployment time from hours to minutes.

TECHNICAL SKILLS

Cloud & DevOps: Azure, Terraform, CI/CD

Programming: Python

Web Development : HTML, CSS

Cybersecurity: Azure Security, Cisco Cybersecurity Essentials

CERTIFICATIONS

- **AZ-900:** Microsoft Azure Fundamentals
- **Cisco** Cybersecurity Essentials

CERTIFICATIONS IN PROGRESS

- CompTIA Security+

INTERESTS AND ACHIEVEMENTS

- Captain of college football team — led team to multiple zonal-level victories. Demonstrated leadership, discipline, and teamwork."