

# Mohammed Nouman Shariff

✉ noumanshariff1815@gmail.com

☎ +974-71844695

📄 GitHub: [github.com/nouman-sh](https://github.com/nouman-sh)

🌐 LinkedIn: [linkedin.com/in/mohammed-nouman-shariff-5074461a2](https://www.linkedin.com/in/mohammed-nouman-shariff-5074461a2)

🌐 Portfolio: <https://nouman-sh.github.io/nouman.github.io/>

---

## SUMMARY

Computer Science graduate with hands-on experience in Microsoft Azure and Terraform, skilled in deploying scalable cloud infrastructure, automating network configurations, and implementing robust security controls. Certified in Azure Fundamentals (AZ-900) and CompTIA Security+. Proven ability to apply Infrastructure as Code to real projects, enhancing deployment speed and system reliability.

---

## EDUCATION

Bachelors of Engineering (B.E) in Computer Science and Engineering  
Visvesvaraya Technological University ,MIT Mysore  
Graduated: 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.

### 3. Automated Cloud Cost Optimizer

- Developing a Python-based tool to scan Azure subscriptions and analyze resource utilization.
- Detects idle or underutilized VMs and generates actionable cost optimization recommendations.
- Automates reporting with CSV outputs for easy monitoring and decision-making.
- Demonstrates cloud automation, resource management, and Python scripting skills.

## TECHNICAL SKILLS

**Cloud & DevOps:** Microsoft Azure, Terraform, CI/CD Pipelines

**Programming:** Python (scripting & automation)

**Web Development:** HTML, CSS (basic front-end development)

**Cybersecurity:** Azure Security, Cisco Cybersecurity Fundamentals

---

## CERTIFICATIONS

- **AZ-900:** Microsoft Azure Fundamentals
  - **Cisco** Cybersecurity Essentials
  - **CompTIA** Security+
- 

## INTERESTS AND ACHIEVEMENTS

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