Jaber Ali Farooqi

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Education

University of Westminster	Bachelor of Science in Computer Science,
Grade : **First Class Honours**	Graduation: July 2025

Certifications : CompTIA Security+, IBM GenAI, CCNA, Azure Fundamentals

Work Experience

- *IT Technician* *University of Westminster* *January 2025 – July 2025*
  - Provided end-user support for *MacOS* and *Windows*.
  - Installed and configured routers, switches, lecterns and resolved connectivity issues.
  - Supported classroom tech by assisting faculty for any operational issues.

- *Technology Consulting Intern* *PwC* *July 2024 – August 2024*
  - Designed an onboarding toolkit that improved access to key documentation.
  - Contributed to several RFPs for digital transformation aligning to Qatar National Vision 2030
  - Supported alignment of a national digital academy project with UN SDGs.
  - Collaborated with stakeholders like Google and Microsoft on digital strategy planning.

- *Cyber Security Intern* *Sidra Chain* *May 2024 -- June 2024*
  - Conducted penetration testing on blockchain infrastructure using *Metasploit* and *Burp Suite*.
  - Identified smart contract vulnerabilities and worked with developers on patching.
  - Used *Remix IDE* for threat modeling and *Ethereum testnet* evaluation.

- *IT (SoC, Operations) Intern* *QIIB* *Summer 2021,2022,2023*
  - Monitored network traffic via IPS (*Tipping Point*) and *Arbor DDoS* protection.
  - Conducted packet analysis with *Wireshark* to identify network anomalies.
  - Worked with *F5* firewalls to protect banking applications.
  - Gained practical knowledge of financial IT infrastructure and security operations.

Projects

- *Threat Detect – ML based real time NIDS (Research Project)*
  - Developed a full-stack intrusion detection system using **Python**, **Flask**, and **Angular**, integrating real-time network monitoring via **Scapy**
  - Achieved 97% detection accuracy with custom ML Algorithms and Flow Aggregation.

- *MarmiCarsBot – AI-Powered Social Media posting Bot (Deployed)*
  - Developed and deployed a **Telegram bot** for Marmi Car Showroom in Qatar to automate Arabic/English post captioning using **GPT-4** and image inputs.
  - Built with Python, Flask, and the Telegram Bot API, integrating OpenAI for dynamic caption generation and posted on multiple social media platforms through a custom N8N Agent.

- *MinsterVentory – A student loan device Management System (Deployed)*
  - Designed and deployed a student device loan management system actively used at the University of Westminster.
  - Built with **Django** and **PostgreSQL** to handle real-time check-in/out tracking, admin approval workflows, and overdue notifications.

Languages

- **English** – Advanced | **Arabic** – Fluent | **Urdu** – Fluent | **Spanish** - Intermediate