

Muhammad Ibrahim Tariq

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EDUCATION

UNIVERSITY OF EAST LONDON

London, UK

Bachelor of **Applied Computing**

Sep 2024 - Sep 2025

Major in Computer Science and Cloud Computing

Cumulative GPA Equivalent: 3.9/4.0 • Graduated with **Distinction** (First Class)

Relevant Coursework: Enterprise Architecture & Cloud Computing, Computer & Network Security,

Project Management, Algorithms, Artificial Intelligence, Computer Networks

FAST NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES

Bachelor of **Artificial Intelligence**

Aug 2020 - Aug 2024

Relevant Coursework: Operating Systems, Algorithms, Artificial Intelligence,

Computer Networks, Data Analysis, Data Analysis

COMPTIA NETWORK +

Udemy

Network Core 1 & 2

Oct 2025 - Oct 2025

Focused on networking concepts, IP addressing, network security, and infrastructure troubleshooting.

WORK EXPERIENCE

KAYE MACKENZIE

Manchester, UK

Software Engineer Intern

June 2025 – Aug 2025

- Contributed to full-stack development across both the mobile app (Expo/React Native) and the company website.
- Supported system administration tasks including software updates, **user account management**, and **Microsoft 365** configuration.
- Implemented responsive frontend components and optimized API integration for real-time user interactions.
- Implemented backend features that improved performance, scalability, and data handling using modern frameworks.
- Deployed production-ready updates that enhanced reliability and user satisfaction across web and mobile platforms.
- Delivered production updates that improved app reliability and reduced operational costs by 30% through backend database optimization, with zero impact on load times.

FREELANCE WRITING GUILD

Freelance

Founder

Jan 2025 – Present

- Built and managed a tech-driven writing startup serving 7+ recurring clients across multiple industries.
- Designed and implemented a workflow automation system to manage assignments, track progress, and generate client reports.
- Recruited, trained, and managed a distributed team of writers while maintaining client relationships and ensuring consistent quality standards.

SELECTED PROJECTS

FATTYS - ECOMMERCE APPLICATION

June 2025

- Designed and developed a complete cross-platform e-commerce solution for a retail client, built with **React Native (Expo)** and **Supabase** backend.
- Implemented end-to-end functionality including authentication, product catalog, cart, checkout, and payment integration.
- Delivered a production-ready app that streamlined client operations and enhanced customer experience.

NUCH AI SUMMARIZER

Nov 2024

- Built an AI-driven summarization tool capable of processing both **audio and text inputs** using **Next.js** for frontend and backend logic.
- Integrated **OpenAI Whisper** for high-accuracy speech-to-text conversion and **DeepSeek** models for multi-layered text summarization.
- Implemented asynchronous task handling, API rate management, and progress tracking for efficient real-time performance.

ACTIVITIES

CDRS COMMUNITY DISASTER RESPONSE & VOLUNTEERING

Social Media Manager (Instagram)

Jan 2020 – Sep 2020

- Managed and maintained social media channels to share disaster response updates and engage with affected communities.
- Created and scheduled posts, graphics, and alerts to inform volunteers and the public of ongoing aid activities.
- Coordinated with response teams to accurately communicate urgent needs, increasing volunteer engagement and public awareness.

ADDITIONAL

Technical Skills:

Programming & Frameworks: JavaScript (React, React Native, Next.js), Python, PHP, SQL, TypeScript

Web & App Development: HTML5, CSS3, Node.js, Supabase, MongoDB, Express.js, RESTful APIs, Expo, Elastic Search, Redis

AI & Data Technologies: OpenAI Whisper, DeepSeek, TensorFlow, Pandas, NumPy, MATLAB

Databases & Cloud Platforms: PostgreSQL, Supabase, Firebase, MySQL, **AWS** (S3, EC2,ECS), Vercel

IT & Infrastructure: Linux/Unix Systems, macOS & Windows Administration, Networking (DNS, DHCP, TCP/IP), Shell Scripting, Git & GitHub, CI/CD (GitHub Actions), Docker, Virtualization (VMware, VirtualBox), System Security & Backups, Troubleshooting & Support

CERTIFICATIONS

CISCO JAVASCRIPT ESSENTIALS 2

Cisco Networking Academy

Remote
Apr 2025

CISCO JAVASCRIPT ESSENTIALS 1

Cisco Networking Academy

Remote
Mar 2025

EF SET ENGLISH

EF Standard English Test CEFR (86/100)

Remote
Mar 2024