

MOUTASIM SHAIKH

Electrical & Electronics Engineer

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SUMMARY

First Class Honours BEng Graduate in Electrical and Electronic Engineering with strong technical expertise spanning IoT infrastructure, power systems, circuit design, and embedded technology. Recognized as a top-tier student leader in the United Kingdom, combining advanced technical project execution with a proven track record as an award-winning society president and competitive sports captain. Highly adept at translating complex system diagnostics, managing engineering workflows, and solving intricate operational challenges under intense pressure. Seeking a Graduate Engineering position within London's fast-growing infrastructure, automation, or energy sectors.

EDUCATION

University of West London | London, UK
Bachelor of Engineering (Hons) in
Electrical and Electronic Engineering
Classification: First Class Honours (Awarded: June 2026)

- ▶ **Core Level 6 Modules & Academic Performance:**
 - ▶ Development Project (ELE) – 73%
 - ▶ Communication Systems (ELE) – 73%
 - ▶ Power Systems (ELE) – 72%
 - ▶ Professional and Sustainable Engineering (ELE) – 69%
 - ▶ Control Theory and Practice (ELE) – 58%

Gujarat Technological University | India
Diploma in
Electrical Engineering | 2018 – 2021

PROFESSIONAL EXPERIENCE

ALB Scaffolding Ltd, London, UK
Site Operations & Technical Assistant
June 2026 – Present

- ▶ Support safe site operations, assist scaffold assembly and inspections, coordinate logistics with engineers, and maintain strong professionalism across project sites.

Starbucks, London, UK
Shift Supervisor
Sep 2023 – May 2026

- ▶ Supervised daily operations, ensured excellent customer service, supported team performance, and maintained a smooth, positive store environment.

Boeing 737 Flight Simulator Instructor
University of West London | London, UK
Jan 2024 – May 2026

- ▶ Managed Boeing 737 simulator calibration and pre flight system checks while instructing users on aerospace controls and instrumentation.

Global Tech IT Services - India
Electrical Technician & CCTV Operator
Aug 2018 – Jul 2023

- ▶ Performed electrical circuit design, troubleshooting, and system maintenance while also setting up, monitoring, and maintaining CCTV security systems with reliable technical support.

TECHNICAL SKILLS

- ▶ **Engineering & Grid Design:** IoT System Layouts, Circuit Design, Schematic Interpretation, Wiring Diagrams, Analog Systems, Bench Testing Rigs.
- ▶ **Hardware & Instrumentation:** Microcontrollers (C/C++ Embedded), DC Power Supplies, Pressure Transmitters, Digital Multimeters, Electronic Sensors.
- ▶ **Diagnostics & Maintenance:** System Troubleshooting, Signal Integrity Reading, Component-Level Repair, Equipment Maintenance, Safety Calibration.
- ▶ **Professional Capabilities:** Technical Writing, Project Management, Agile Team Leadership, Complex Problem Solving, Cross-Functional Communication.

AWARDS & HONOURS

- UK National Finalist – Student of the Year 2025**
UK Council for International Student Affairs (UKCISA)
- ▶ Selected for the prestigious #WeAreInternational Student of the Year Award, sponsored by IDP Education.
 - ▶ Recognized at London's Bloomsbury Ballroom for outstanding contributions, academic excellence, and higher education representation.

Club Captain & Executive Officer
University of West London Students' Union (UWLSU)

- ▶ **Sports Club Captain of the Year (2026):** Recognized for exceptional leadership, operational logistics, and match strategy for the Badminton Club.
- ▶ **Most Improved Student Group (2025):** Secured top award out of dozens of university organizations for successful structural turnaround and engagement.
- ▶ **Platinum Volunteering Award (2025):** Awarded by the Associate Pro Vice-Chancellor for outstanding community outreach and leadership.

CORE PROJECTS

- IoT-Based Wireless Detection System in Water Pipeline Grid (BEng Final Year Project)**
- ▶ Designed and built a bench scale pipeline grid with integrated sensors and microcontroller based real time data streaming. Performed electrical measurements, automated calibration, and full hardware debugging to optimize accuracy, earning a 73% First Class grade.

CERTIFICATIONS & LANGUAGES

- ▶ **CCTV Installation Technician** (Hardware & Software)
Intersoft Technical Institute
- ▶ **Mobile Repairing Certificate** (Hardware & Software)
Microchip Institute of Mobile Technology
- ▶ **Languages** English (Fluent), Hindi (Fluent), Gujarati (Native)