

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

CORE PROJECTS

IoT-Based Wireless Detection System in

Water Pipeline Grid (BEng Final Year Project)

- Conceptualized, designed, and constructed a fully functional bench evaluation grid model featuring integrated matrix piping, multi-point digital flow sensors, and liquid pressure transmitters.

Configured multi-channel DC power supply rigs and precision-wired localized microcontroller units to capture and stream real-time pipeline pressure metrics directly into diagnostic software.

Conducted rigorous electrical measurements, custom data-logging calibration, and automated signal acquisition loops to optimize sensory accuracy under changing fluid parameters.

Performed end-to-end hardware debugging and circuit troubleshooting to eliminate noise interference, earning a definitive 73% First-Class module grade for technical execution and documentation.

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.

PROFESSIONAL EXPERIENCE

Boeing 737 Flight Simulator Instructor | UWL

- Managed high-fidelity software calibration and pre-flight system checks on a physical Boeing 737 cockpit simulation setup.

Instructed diverse user groups on complex aerospace hardware controls and interface instrumentation protocols.

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)