

AMMAR AHMAD

TECHNICAL SKILLS

- Fusion 360 CAD design
- 3D printing & prototyping
- Mechanical problem solving
- Metrology
- Systems diagnostics
- Quality systems (ISO 9001)
- Smart home automation

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ammар.thesecurity.agency



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SUMMARY

Junior engineer with experience working on complex electro-mechanical systems in a high-reliability NHS environment. Skilled in fault finding, calibration, and working to sub-millimetre accuracy.

Practical experience with Autodesk and 3D printing, with a focus on designing and building real-world components. Seeking to transition into a hands-on engineering role within automation and manufacturing.

EXPERIENCE

Technical Support Engineer

2023 - CURRENT | NORTHAMPTON GENERAL HOSPITAL

- Executed complex preventative and corrective engineering on high-value radiotherapy and clinical systems, ensuring maximal uptime in a life-critical environment.
- Operated strictly within the ISO 9001 framework, maintaining high-integrity documentation and audit trails within the Quality Management System.
- Conducted a detailed "lost time" analysis within the department, identifying manual inefficiencies causing approximately £100,000 of lost value through the lifecycle of a machine.
- Act as a bridge between engineering and clinical teams, translating complex diagnostic data into clear operational updates for stakeholders.

Amazon Delivery Driver

2021 - 2023 | AMAZON

Customer Assistant

2017 - 2020 | MARKS AND SPENCER

EDUCATION

Level 5 Diploma of Higher Education (DipHE) in Healthcare Science

2025 - Distinction

BTEC Level 3 Extended Diploma in Engineering

2020 - Distinction* Distinction*

A-Level Mathematics

2019 - C

GCSE Mathematics & Further Maths

2017 - 8 (A*) & A