

AMMAR AHMAD

TECHNICAL SKILLS

- Electrical fault finding
- Electro-mechanical systems
- Preventative maintenance
- Quality assurance
- Technical documentation
- Python and VBA
- IT troubleshooting
- ISO 9001 Quality Systems

GET IN TOUCH



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SUMMARY

Radiotherapy Engineer with experience maintaining and troubleshooting complex electro-mechanical medical equipment within the NHS. Experienced in diagnostics, systematic fault finding, preventative maintenance and quality assurance, working closely with clinical users and manufacturer support engineers to maximise equipment availability. Strong IT skills, including Python and Microsoft PowerApps, with a proven ability to communicate technical information clearly and deliver reliable technical support.

EXPERIENCE

Radiotherapy Engineer

2023 - CURRENT | NORTHAMPTON GENERAL HOSPITAL

- Performed planned preventative maintenance, servicing and repair of complex radiotherapy systems to maximise clinical availability and minimise equipment downtime.
- Collaborated remotely with manufacturer support engineers to analyse system logs, investigate complex faults and coordinate corrective actions using remote tools.
- Diagnosed faults using structured fault-finding techniques, and diagnostic equipment.
- Calibrated, tested, and quality assured equipment to ensure regulatory compliance
- Interpreted circuit schematics and technical service manuals to support repair activities.
- Maintained accurate service documentation.
- Collaborated with clinical staff, senior engineers, and manufacturer service engineers to resolve technical issues efficiently.
- Developed custom applications to improve engineering workflows, automate data collection and enhance existing processes.
- Supported continuous improvement within the department.

EDUCATION

Level 5 Diploma of Higher Education - Healthcare Science

2025

BTEC Level 3 Extended Diploma - Engineering

2020 - Distinction* Distinction*

A-Level Mathematics

2019 - C