

Marcus TIPLER

Computer Scientist

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PROFESSIONAL SUMMARY

I've played a key role in IT Infrastructure development and management across Governmental, Medical, and Hospitality sectors.

My expertise has been instrumental in shaping IT Infrastructure solutions for TQ-Renovations in France, including the design and implementation of an on-premise server room.

AREAS OF EXPERTISE

PROFESSIONAL SKILLS

Remote Management | Availability | Research | Organised | Analytics

TECHNICAL SKILLS

Cisco | Linux | Windows | Mac OS | Unix | FreeBSD | Hardware, Driver Installations | Hardware & Software RAID | MySQL, MariaDB, MongoDB | OPNSense / PfSense / Cloudflare | Microsoft Azure & AWS

PROFESSIONAL EXPERIENCE

Established Runtime Labs, a company offering IT infrastructure support in Scotland: delivered data recovery services to 3 clients, conducted 2 forensic investigations, designed and implemented 4 networking solutions, and developed a custom web application.

Provided bilingual interpretation as a receptionist and IT assistant for 'medicare francais', a private medical practice in London South Kensington helping over 100 patients every day.

Developed a localized artificial intelligence web application at 'international trade council', utilizing over 6.7b parameters to drive insights and innovation across both government and health sectors as senior web developer.

Led technology development at TQ-Renovations as Chief Informatics Officer (CIO), designing and implementing an on-premise server room capable of supporting web applications with peak viewership rates exceeding thousands per second.

Managed Search Engine Optimisation (SEO) initiatives, resulting in a 30% increase in organic search traffic.

Reduced project costs by 80% through process improvements, cost analysis, and transitioning to an on-premise solution from cloud-based infrastructure

EDUCATION

Bachelor of Science, Computer Science, Cardiff University, Wales, UK (*exp: July 2027*)

Certificate, Computer Science, Harvard University, Cambridge, MA, USA (*exp: June 2025*)

Certificate, Informatics Fundamentals, CompTIA, Reading, London, UK

Baccalauréat, Environmental Energies, Lycée Curie Corot, Saint-Lô, FR

Brevet, General Studies, Collège Georges Lavalley, Saint-Lô, FR