

Experienced electrical engineer with experience across NHS, education, and secure environments. Specialising in the design and delivery of compliant LV and life safety systems, with a focus on HTMs, BS 7671, and sustainable engineering principles. Proven ability to manage design delivery, lead BIM adoption, and support junior engineers across RIBA work stages. Seeking to leverage deep technical and regulatory knowledge to deliver value-driven solutions in high-compliance sectors

### Key Skills & Expertise

Technical & Design	Regulatory & Delivery	Leadership & Collaboration
Electrical Systems Design (LV, Life Safety)	Specification Writing & Technical Documentation	Cross-Disciplinary Team Coordination
BIM Coordination, AutoCAD, Revit, MagiCAD, Amtech, DIALux	Compliance with BS 7671, HTMs, HBNs, Building Regulations	Stakeholder Engagement & Client Communication
Energy Strategy & Sustainable Engineering	Project Planning, Risk Management, Design Assurance	Mentoring and Supporting Junior Engineers

### Education

**Building Services & Sustainable Engineering BEng (Hons) | University of Central Lancashire, 2021 - 2025**

**Electrical and Electronic Engineering HNC | Blackpool and The Fylde College, 2019 - 2020**

**NVQ Level 3 Electrical Installation | Lancaster and Morecambe College, 2016 - 2020**

### Professional Experience

**Pettit Singleton Associates, 2021 – Present**

**Electrical Engineer, 2025 – Present**

**Key Accomplishments:**

- Lead electrical designer for NHS and secure facility refurbishments and new builds, managing delivery from feasibility to RIBA Stage 4.
- Produced design assurance packages to support statutory and stakeholder sign-off.
- Spearheaded BIM adoption, delivering the PSA's first Revit-based project and standardising MagiCAD usage.
- Mentored junior engineers on calculations, QA, and stakeholder communication.

**Intermediate Electrical Engineer, 2021 - 2025**

**Key Accomplishments:**

- Delivered compliant electrical designs for healthcare and secure facilities using Amtech and Excel.
- Produced condition surveys and risk-based technical recommendations for legacy infrastructure..
- Collaborated on cross-discipline design coordination and technical reviews with clients.

**Chris Bowker LTD, 2017 – 2021**

**Electrician**

**Key Accomplishments:**

- Completed apprenticeship and HNC concurrently with distinction, demonstrating strong technical capability and academic commitment while delivering work to industry standards across active sites.
- Delivered commercial and healthcare installations (containment, 3-phase systems, DB setups).

- Ensured safety and compliance in hazardous and regulated environments, applying 18th Edition standards and contributing to site meetings to support planning, commissioning, and project execution.

**Warren Electrical Services (NW) LTD, 2016 – 2017**

**Apprentice Electrician**

**Key Accomplishments:**

- Completed domestic electrical installations including first fix wiring, heating controls, and alarm panels, building a strong foundation in practical electrical systems and fault resolution.
- Maintained high safety and workmanship standards on site, consistently adhering to health and safety regulations and industry best practices.
- Supported senior electricians and project teams, contributing to project delivery through effective communication, task ownership, and proactive on-site collaboration.

**Elixir Garden Supplies Limited, 2015 – 2016**

**Apprentice Software Developer**

- Supported the development of a bespoke order management platform, using PHP, JavaScript, SQL, HTML, and CSS.
- Collaborated with the team to integrate various APIs and streamline sales processes from multiple channels onto a single platform.

**Continued Professional Development (CPD)**

Honeywell – SAFE and Compliant  
for Specialist Housing Projects  
KOHLER Power – UPS Training –  
Neutral – Earth Referencing

Schneider Electric – Coordination  
of LV Electrical Distribution  
KOHLER Power – UPS Training  
– Understanding UPS

C & D – Understanding ATS  
LightiCo - Photocatalytic  
Oxidation as a disinfectant

**Licences**

- Full UK Driving Licence