KIERAN CLARKE

SYSTEMS & ELECTRICAL ENGINEER | FOUNDER | AI OPERATIONS

CONTACT

hello@kierandclarke.com

United Kingdom | remote or London

linkedin.com/in/kieran-clarke-286315a4

EDUCATION

BEng Electrical & Electronic Eng.
First Class Honours
University of Brighton | 2012 – 2017

NEBOSH National General Certificate
Occupational Health & Safety
Amazon | 2024

IET Prize
Awarded 2017

Year in Industry, E&P
Network Rail, Preston
2015 – 2016

A-Levels
Mathematics, Physics, ICT

SKILLS

Core Strengths

Systems engineering
Electrical power & plant
Safety assurance
Incident investigation
Audit & compliance
Contractor management
Team leadership
Product delivery

AI & Agents

Anthropic Claude / Claude Code
OpenAI / Codex
Hermes, OpenClaw, Grok
Multi-agent orchestration
Prompt & spec design
Agent evaluation & QA

INTERESTS

Golf; baking sourdough for family and friends; researching new AI developments; using AI to build products

PROFILE

Safety-focused systems and electrical engineer with nearly ten years as a post-graduate professional across UK rail and Amazon fulfilment sites. Since June 2025, founder of a product studio run with AI agents, where I design the processes, gates and controls that keep autonomous work reliable and safe.

WORK EXPERIENCE

FOUNDER

Solo founder with an AI agent team | Remote, UK | Jun 2025 – Present

- Run a product studio with AI agents as the engineering, design and QA team; launched a consumer trading app and two more products.
- Ship full-stack products end to end: web apps, mobile and Telegram mini apps, backends and databases.
- Built financial flows: trading, on-chain settlement, rewards and payouts; smart contracts taken through security review.
- Run real-time data and autonomous operations: indexers, live market feeds, agents that monitor, triage and escalate.
- Designed the delivery system: staged gates, review kept separate from building, human sign-off on production changes.

INTERIM RME AREA MANAGER
SENIOR ENGINEER, RME SAFETY MANAGER

Amazon, LTN4 Fulfilment Centre, Dunstable | Sep 2022 – Apr 2025

- Area Manager (L5) for one of four core shifts of 20 engineers at a site shipping 500,000+ packages a day; acting Engineering Manager, the most senior engineer on site, during peak to keep 24/7 cover.
- Built a contractor management system from free, existing tools, giving clear sight of the 20+ contractors a site could host in a shutdown day. Adopted as best practice: safer, cheaper, standardised.
- Led engineering safety across 7 of the UK's largest sites, spanning robotics, manual handling equipment and facilities: lessons learnt, training, weekly safety topics, monitoring, and roadshows that changed behaviour.
- Led incident investigations (root cause, 5 whys; remedial and preventative actions); trained and audited engineers on lockout-tagout.
- Ran the RME Excellence Programme and AMS/WHS audits: site safety audit result up 30% year on year; 100% safety training and risk assessment compliance; managed site engineering apprentices.

PRINCIPAL TECHNICAL OFFICER, ELECTRIFICATION & PLANT

Network Rail, Euston Delivery Unit, London | May 2019 – Sep 2022

- Provided technical assurance, compliance and auditing for 25,000V overhead line electrification, London Overground's 750V DC third rail and plant for the technical authority, asset management and front-line staff.
- Ran the E&P technical office as deputy to the engineering and section managers, managing a team of 4 and 7 apprentices; level 3 on-call for dewirements and 650V faults, including major repairs after storm-felled trees, which I planned and oversaw from investigation to handback.
- Delivered a £0.5M lighting project on time and on budget, managing contractor works and their compliance.

GRADUATE ELECTRICAL ENGINEER

Network Rail, The Quadrant HQ, Milton Keynes | Sep 2017 – May 2019

- Rewrote a level 3 electrical safety standard to align with the Electricity at Work Regulations 1989 after a regulator's Safety Improvement Notice.