## Luke Richardson

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### Profile

Network systems engineer & architect with a bias for automation. Experienced across enterprise, data centre, industrial and smart building environments, with a focus on robust system design and automation-driven delivery.

Adept at building scalable infrastructure using AWS, Cisco, Juniper, Palo, Fortinet with tooling such as Terraform, Ansible, and Python SDKs. Strong grounding in network fundamentals combined with a deep commitment to advancing automation practices. Immersed in the network automation community and passionate about shaping next-generation architectures for hybrid environments.

### Skills

* **Cloud & Automation:** AWS Networking, Terraform, Ansible, Python SDKs, GitHub Actions, NetBox, Nautobot
* **Networking & Infrastructure:** Cisco Meraki, Juniper Mist, Cisco ACI, Palo Alto Panorama
* **Tooling & Platforms:** Linux, Docker, Nornir, REST APIs, CICD, Grafana
* **Practices:** GitOps, Observability, Infrastructure as Code (IaC), DevOps
* **Soft Skills:** Leadership, client-facing engagement, cross-functional collaboration, commercial acumen

### Experience

| Where | When | What | Why |
| --- | --- | --- | --- |
| [Camden](https://www.camden.gov.uk/) | 2024–2025 | Lead Network Engineer | Public Service |
| [Lloret](https://www.lloret.co.uk/) | 2023–2024 | Network Architect | Rediscover my Roots |
| [WeWork](https://www.wework.com/) | 2019–2023 | Global Network Architect | Build Complex Systems |
| [Redstone](https://www.onnecgroup.com/) | 2017–2018 | Network Engineer & TPM | Prove Myself |
| [Dimension Data](https://www.dimensiondata.com/en-gb/) | 2012–2017 | PM to Network Engineer | Learn the Ropes |

#### Camden — Lead Network Engineer

**London, UK** | **2024 – 2025**

* Led network modernisation projects across critical public sector infrastructure.
* Supported hybrid environments integrating Cisco Meraki, Cisco ACI, Palo Alto Panorama, and Azure.
* Focused on improving operational efficiency through network automation and technical debt remediation.

#### Lloret — Network Architect

**London, UK** | **2023 – 2024**

* Led delivery of high-performance smart building networks, integrating Cisco, Allied Telesis, and IoT systems.
* Produced RFIs, BoMs, and technical submissions, aligning to client specs and winning major ICT contracts.
* Built GitOps automation pipelines and source-of-truth systems to improve consistency and deployment accuracy.
* Reduced project costs by approximately 15% through spec refinement and vendor strategy.
* Partnered closely with clients and executives to present, refine, and secure multi-vendor network designs.

#### WeWork — Network Architect

**London, UK** | **2018 – 2022**

* Migrated globally from legacy Cisco to Juniper Mist, reducing incident frequency and support overhead.
* Built automation frameworks using Python and Nornir, aligning intended vs actual state.
* Led IPFabric and Nautobot adoption from concept to production, saving 200+ engineering hours annually.
* Regional SME for network reliability engineering, automation tooling, and cross-functional DevOps collaboration.
* Product owner of departmental AWS Networking, Splunk Observability, and Okta SSO environments.
* Thrived during global restructuring, taking on additional project ownership amid rapid organizational change.

#### Redstone — Network Engineer & TPM

**London, UK** | **2017 – 2018**

* Delivered multiple data centre design and build projects for banking and insurance clients.
* Oversaw full lifecycle delivery, from pre-sales alignment to stakeholder management and execution.
* Audited existing data centre infrastructure to prepare for migration.

#### Dimension Data — PM to Network Engineer

**UK-wide** | **2012 – 2017**

* Led network refresh and large-scale infrastructure builds for Airbus, RAF, and Rolls Royce.
* Coordinated fibre backbone and copper horizontal installations across multi-site campus networks.
* Earned engineering roles by delivering complex builds and leading client interactions.

#### ITS Networks — Structured Cabling Engineer

**UK-wide** | **2008 – 2012**

* Installed and terminated vertical backbone and horizontal copper cabling for enterprise LAN deployments.
* Worked on data centre builds and structured cabling across various campus environments.
* Built foundational technical expertise that supported transition into network engineering.

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