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	2024–2025	Lead Network Engineer	Public Service
Lloret	2023–2024	Network Architect	Rediscover my Roots
WeWork	2019–2023	Global Network Architect	Build Complex Systems
Redstone	2017–2018	Network Engineer & TPM	Prove Myself
Dimension Data	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.

Education

University of London | 2005 - 2008 | BA in Politics, 2:1

Interests

Network Automation for Work. Evolutionary Psychology for Life. Climbing & Mountains for Ever.

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Additional Technical Keywords

Protocols: TCP/IP, UDP, ICMP, ARP, DNS, DHCP, IPAM, NTP, SNMP, Syslog, LLDP, STP, RSTP, MSTP, 802.1Q, 802.1D, 802.3ad LACP, IGMP, VTP, VRRP, HSRP, BGP, OSPF, PBR, IPsec, SSL/TLS, SSH, RADIUS, SAML, OAuth2, 802.1X, EAP, MACSec, ACLs, NAT, PAT, ZBFW, 802.11, WPA/WPA2/WPA3, WMM, MLO, RRM, DFS, JSON, XML, YAML, REST, gRPC-GNMI, OpenConfig

AWS Services: VPC, ENI, IGW, NAT GW, TGW, VGW, CGW, VPN, DX, Peering, GWLB, PrivateLink, EC2, SG, EIP, Route 53, ALB, NLB, IAM, KMS, S3, SQS, SNS, CloudWatch, CloudTrail, GuardDuty, Inspector, Secrets Manager (SM), EventBridge, Lambda, DynamoDB, RDS, EFS, EKS, ECS, CloudFront, Cloud WAN, WAF, Shield, CloudFormation

Tooling: Terraform, Ansible, GitOps, CICD, GitHub Actions, Nornir, REST API, Python SDKs, Postman, NetBox, Nautobot, InfraHub, IPFabric, Splunk, Prometheus, Grafana