Luke Richardson

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Profile

Network Systems Engineer & Architect with a bias for automation, bridging cloud-native tooling with legacy complexity. 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

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Experience

Where	When	What	Why
Camden	2024 - 2025	Lead Network Engineer	Public Service
Lloret	2023 - 2024	Network Architect	Rediscover my Roots

Where	When	What	Why
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 cloud services.
- 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-driven 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, while achieving WiredScore.
- Partnered closely with clients and executives to present, refine, and secure multi-vendor network designs worth £100k+.

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 and streamlining operations.

- Led IPFabric and Nautobot adoption from concept to production, saving 200+ engineering hours annually through automation.
- 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.

Education

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

Interests

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

"Be Good & be Gone." +447376209455 | luke@lukeoson.com

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

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