

Ludek Rozehnal

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****Available immediately****

Professional Profile

Senior AWS Cloud Network Engineer & Terraform Expert with 20+ years' experience in infrastructure, networking, and automation. Proven track record designing, delivering, and fully automating global-scale, multi-region/multi-account network connectivity in AWS and hybrid environments. Specialist in Infrastructure-as-Code (Terraform), GitOps-driven CI/CD pipelines, and resilient, low-latency cloud networking solutions for business-critical trading workloads. Trusted technical authority who blends deep traditional networking expertise with modern DevOps practices to eliminate manual processes, reduce risk, and deliver complex projects on time. Currently providing independent consulting through Mplexia Limited (UK) – immediately available for remote UK/EU contract and advisory roles.

Core Competencies

Cloud Networking & Architecture

- AWS VPC, Transit Gateway, Direct Connect, Site-to-Site VPN, Client VPN, PrivateLink, Network Firewall, Route 53, Security Groups, NACLs, CloudWatch, CloudTrail, Systems Manager
- Multi-region & Multi-account AWS design | Global hub-and-spoke & low-latency topologies

Infrastructure as Code & Automation

- Terraform (expert level) | Terraform Cloud / Enterprise, GitOps & CI/CD pipelines (GitLab, GitHub, git)
- Network & Infrastructure & Cloud Automation (Python, Ansible, Puppet, bash)

DevOps & Operational Excellence

- Zero manual console changes in production, Site Reliability Engineering | Security & Compliance
- On-premise to Cloud Migration | Hybrid Connectivity | Interconnectivity with clients / partners

Security, Firewalls & Load Balancing

- Network Firewall, Security Groups, NACLs, iptables, pf/ipf, DNS / Route53
- Firewalls (Cisco ASA, Palo Alto, Checkpoint), Load Balancing (F5 LTM, AWS ALB/NLB, NGINX, HAProxy)

Traditional Networking, Platforms and Systems

- BGP, OSPF, VRF, MPLS, EVPN, multicast/PIM, Cisco, Arista
- TCP/IP on Linux, syslog, NTP/PTP, Docker, Kubernetes, ECX (Equinix Cloud Exchange), DDI/IPAM, DHCP, DNS
- Linux (RHEL/CentOS/Debian/Alpine), VMware ESXi/NSX, FreeBSD/NetBSD, Wireshark/tcpdump, Riverbed, Corvil, Tufin, Splunk

Professional Experience

Founder & Principal AWS Cloud Network Consultant – Feb 2026 – Present (Fully Remote)

- Providing expert AWS Cloud Network Consulting, Terraform automation, and GitOps solutions to MSPs, VARs, and AWS-heavy organisations on 3–12 month engagements or advisory basis.
- Specialising in global multi-region/multi-account architectures, Transit Gateway designs, Direct Connect/VPN integrations, low-latency trading workloads, and full infrastructure automation.
- Immediately available for remote UK/EU contract roles at £550–£650/day (project-based and retainer options available).
- Completed Terraform and AWS advanced network specialty certifications (Feb – Mar 2026)
- Built and launched professional consulting presence at LinkedIn and mplexia.com (May 2026).

Flextrade Systems

Senior DevOps Engineer (Cloud Network Specialist) – Jan 2018 – Jan 2026 (UK Remote)

- Led flagship 2024–2025 global network automation project as primary cloud network engineer and Terraform/IaC authority: designed and delivered fully automated multi-region/multi-account connectivity using Terraform and GitOps.
- Built and maintained fully automated CI/CD pipelines (Git → Terraform → AWS) for all networking and infrastructure changes — achieved zero manual console changes in production.
- Architected and deployed resilient multi-region hub-and-spoke and Transit Gateway topologies supporting low-latency trading workloads worldwide.

- Provided high-level architectural guidance and connectivity expertise across the organisation (VPC peering, Direct Connect, VPN, Network Firewall, Route 53, Security Groups, NACLs)
- Served as connectivity expert in the cloud-ideas incubator, supporting diverse strategic projects and initiatives.
- Established company-wide Terraform best practices, reusable module library, and peer-review processes
- Owned on-premise and hybrid networking (2018–2023): designed fully resilient multi-data-centre architecture, implemented BGP/EVPN, and delivered automation with Ansible/Python/Puppet
- Rebuilt complete global (EMEA) network from whiteboard to production across multiple co-location data centres.
- Delivered successful migration of critical trading workloads to AWS, Azure and VMware Cloud on AWS(VMC).
- Networking aspect of global rollout of CyberArk privileged access management, IDS/IPS systems, and full DNS consolidation.

Tesco PLC

Technology Expert / Network & System Engineer – Apr 2015 – Dec 2017(UK)

- Served as Technical Lead for the migration of all corporate DMZ services into a new-generation DMZ architecture.
- Authored High-Level and Low-Level Designs (HLDs/LLDs) and drove key architectural decisions for VPN, web services, and cross-region connectivity.
- Network Subject Matter Expert for the Software-Defined Data Centre programme and pioneering early AWS connectivity initiatives.

Tesco s.r.o. (Czech)

Network TeamLeader – Apr 2008 – Mar 2015 | Network Engineer – Apr 2006 – Mar 2008

- Acted as Network Architect, Senior Engineer, and Team Leader for a regional network team, managing day-to-day operations and delivering complex projects across a network of 1,000+ retail sites throughout Central Europe (and Turkey).
- Managed a diverse technical team of 6 while serving as design authority and people manager.

IBM Global Services Delivery Centre

Network Engineer – Mar 2005 – Apr 2006

- Network Engineer in global support team, handling day-to-day operations, incidents, and changes.
- Built strong foundational skills through hands-on experience, certifications, and extensive lab work.

Certifications

All active AWS and Terraform certifications are verifiable on my Credly profile: [credly.com](https://www.credly.com)

- AWS Certified Advanced Networking – Specialty (since 2018)
- AWS Certified Solutions Architect – Associate (since 2016)
- AWS Certified SysOps Administrator – Associate (since 2016)
- HashiCorp Certified: Terraform Associate (004)
- Cisco CCNP (since 2006, expired)
- Cisco CCIE Written (expired)

Additional Information

- Based in the UK with settled status (Czech/EU passport)
- Fully remote since 2022 and comfortable across all time zones (UK, US, Singapore)
- Maintain an active home laboratory environment for continuous experimentation, training and learning, Terraform modules and Ansible, GitOps workflows, and advanced networking topologies
- Interests: new technology, sailing, history, countryside walking