**Personal Statement:**

I am a senior networking professional with over 15 years’ experience, including network design, pre-sales, implementation, support, project management and technical team management.

I take pride in my problem-solving ability, having designed and implemented various network infrastructures, and resolved faults/incidents with a severe business impact through in-depth technical knowledge.

**Contact Details:**

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Location: Doncaster

**Education:**

Professional Certifications: Cisco Certified Internetworking Expert (**CCIE R&S**) Routing and Switching #58401

Cisco Certified Networking Professional (**CCNP**)

Check Point Certified Security Administrator (**CCSA – Expired May 2016**)

Cisco Certified Network Associate Security (**CCNA Security**)

Cisco Certified Network Associate (**CCNA**)

Microsoft Certified System Administrator 2003, Messaging (**MCSA**)

**Work History:**

**Dates:** June 2018 to present

**Job Title:** Network Pre-Sales/Solution Architecture (Home Based)

**Company:** Capita IT & Networks

* Working within Capita’s specialist IT division, one of the largest integrators in the UK, providing Pre-Sales Support and Network Solutions Architecture the UK sales team.
* Assisted in winning a TCV in excess of £4 million, with a typical margin between 10% and 20%.
* Designed network solutions as part of tendering process for large public sector organisations, such as central and local government, NHS, transport authorities etc.
* Also worked with major account management teams in designing solutions or professional services engagements.
* Responsible for establishing base costs for the sales team, including managing solution design and pricing from other technical teams within Capita IT & Networks and 3rd party vendors.
* Solutions involved Cisco technology, including ACI, Software Defined Access (SDA), Catalyst 9k, Meraki and Aironet Wireless/Wifi, Cisco Firepower/FTD, and ISE.

**Dates:** Jan 2016 to June 2018

**Job Title:** Senior Network and Security Engineer

**Company:** Forfusion

* Cisco and Microsoft Partner that focuses on high-value customers in the wealth/property management, retail, health, local and central government sectors.
* Designed and lead the implementation of a European wide WAN transformation project, involving localised gigabit internet breakouts and MPLS, using a DMVPN to provide performance-based routing based upon traffic type.
* Designed and lead the implementation of a Firewall standardisation project, where a single unified internet access policy has been deployed onto multiple internet breakouts, via the use of Cisco ASA’s and FirePOWER
* Designed and lead the implementation a European wide LAN rationalisation. Multiple independent physical LAN’s at each site were virtualised and placed onto a single common LAN underlay, with services provided via virtualised overlay networks.
* Designed and implemented complex routing and QoS policies to support Unified Communication platforms, including Cisco UC and Microsoft Skype for Business.
* Designed and implemented a Cloud Security solution, using Cisco FTDv’s in Azure.
* Designed and implemented Network Access Control (NAC) via the use of Cisco Identity Services Engine (ISE).
* Provided support for a central government datacentre move of over 3000 virtualised servers. This involved the support of the Datacentre Interconnect via OTV, Nexus 9K aggregation switches and Nexus 5K access switches.
* Designed and creatied a POC around new software-defined networking technologies, specifically Cisco SD-WAN and DNA.
* Technologies used include Cisco ASR, Cisco Catalyst and Nexus Switching, Cisco ASA, Cisco FirePOWER, Cisco FTD, RAS VPN, DMVPN, MPLS, and PRTG.

**Dates:** June 2015 – Jan 2016

**Job Title:** Senior Network Engineer

**Company:** G4S

* Hired as part of a UK wide digital transformation project, primarily to provide Technical Assurance around networking, working closely with the Enterprise Architect.
* Responsible for reviewing and approving WAN, LAN and Wi-Fi designs by an outsourced supplier.
* Worked with the outsourced supplier to rationalise the UK network, realising multiple million-pound savings.
* Designed and implemented a centralised and simplified Wi-Fi Network Access Control system across the UK, improving both security and user experience.
* Implemented centralised, resilient internet breakout, ensuring consistent enforcement of a UK wide, modern internet security policy across all 25,000 UK users.
* Designed a resilient data centre networking infrastructure, removing the need for a separate SAN switching infrastructure.
* Technologies used include Cisco ISR, Cisco Catalyst Switches, Cisco Nexus Switches, Fortinet Fortigate Firewalls, Check Point Firewalls (R77), Windows NPS (RADIUS).

**Dates:** June 2010 – June 2015

**Job Title:** Technical Lead - Networks

**Company:** De La Rue

* Recruited and managed a team of network engineers who were responsible for the network that supported a £400 million contract central government contract.
* Networking designs that had to comply with strict security and availability requirements. Presenting these designs and justifying design decisions to the customer. Examples include:
  + WAN design using DMVPN, MPLS, and BGP.
  + Remote access VPN solution design including two-form factor authentication.
  + Multisite, fault-tolerant data centre design including network virtualisation.
  + Network application load balancing using Cisco ACE and GSS.
  + SIEM to comply with regulatory requirements around protective security monitoring.
* Provided consultative networking advice on networking solutions to projects throughout the business.
* Created and implemented a security remedial action plan that allowed the network to gain central government security accreditation, preventing severe contractual penalties.
* Standardised network device configuration to provide predictable and stable networking behaviour.
* Firewall rule rationalisation to improve overall solution performance, reduce rule complexity, and improve security.
* Managing network ITIL changes, incidents and problems, so that any impacts to the business are minimised, and introducing proactive network and security management processes.
* Technologies used include Cisco Catalyst and Nexus Switches, Cisco ISR & ASR, Cisco ASA Firewalls, Check Point Firewalls (R75), Juniper Netscreen Firewalls, Check Point IPS, Cisco IPS, Cisco ACE & GSS (network and global load balancers), Cisco Security Manager (CSM), Juniper Network Security Manager (NSM), Linux, network virtualisation, Thales DCAP, Algosec, Solarwinds, RSA SecurID, LogRythm SIEM, DMVPN, MPLS, and BGP.

**Dates:** April 2008 to June 2010

**Job Title:** Network Support Technician

**Company:** BT Global Services

* Project implementation and support of two large central government enterprise-class networks, one with over 5,000 networking devices, the other having over 22,000.
* Implementing and supporting the largest IP call centre in Europe
* Supporting 80+ ISP POPs (Points of Presence).
* Migrating sites from legacy Frame Relay and ATM networks onto an MPLS network.
* Migrating sites from legacy local area switching and routing platforms to standardised hardware and configuration.
* Resolving complex Quality of Service (QoS) issues relating to application delivery and IP Telephony call quality in multiple hosted environments and WAN/LAN deployments.
* Supporting multi-tenancy, multi-site data centre deployments.
* Resolving complex IP routing issues around BGP, OSPF, RIP, EIGRP, and route redistribution across many different LAN, WAN and MAN implementations.
* Working within ITIL change, incident and problem management processes.
* Technologies used include Cisco ISR’s & ASRs (including carrier-class chassis), full Cisco Catalyst range (including 6500 & 4500 devices), MPLS, BGP, OSPF, RIP, EIGRP, QoS, NetScout, and Cisco Works.

**Dates:** November 2006 – April 2008

**Job Title:** 3rd Line Network Support

**Company:** ITPS LTD (IT Professional Services)

* Provided 3rd line network support for ITPS’s customers, ranging from small business to large enterprise.
* Designed and implemented solutions, in support of sales, where often the customer would have a very tight budget or timescales, with the requirement to no loss of service.
* Responsible for providing support on a wide range of systems, including network, firewall, VPN, Windows Server, Active Directory, Exchange and backup solutions.
* Technologies used include Cisco Catalyst Switches, Cisco ASA Firewalls, Cisco ISRs, Trend Micro Proxy, Trend Micro/MacAfee/Symantec Anti-Virus, Windows Server NT/2000/2003/2008, Exchange NT/2000/2003, Check Point Firewalls, SonicWall Firewalls, Nortel Firewalls, Juniper Netscreen Firewalls, BGP, OSPF, RIP and EIGRP.

**Dates:** August 2005 – November 2006

**Job Title:** IT Technician

**Company:** Independent Media Support Group PLC (IMS Group PLC)

* Providing IT support to a media company with around 300 staff located in 4 locations throughout the UK, with high profile clients such as Sky, Channel 5, Bloomberg, Disney etc.
* Updated the network to include a Hub and Spoke site to site VPN using Juniper Netscreen firewalls, and brought in Active Directory across all sites along with DNS, DHCP to improve the reliability of the IT infrastructure.
* Used VLAN’s to segregate traffic onsite to control traffic between end users and servers.
* Resolved various longstanding reliability and production issues with media production application servers.
* Moved head office data centre to new location

**Dates:**  May 2002 – August 2005

**Job Title:** Systems Administrator

**Company:** twenty4help Knowledge Services LTD

* Supporting UK based call centre of a German call centre outsourcing company, with clients such as Microsoft, HP, Sun Microsystems, etc.
* Started at twenty4help on a helpdesk, was promoted to a desktop support position, when I left I responsible for the server and desktop infrastructures.