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# Profile

A professionally qualified and highly experienced NETWORK MANAGEMENT, SECURITY and DATA COMMUNICATIONS SPECIALIST with extensive knowledge and skills in Network Management

Security (including Palo Alto, Checkpoint and Cisco ASA ) and Data Communication systems Design, Development and Trouble shooting gained in a wide range of public and private sector environments.

# Key Skills

Identifying, Designing, Implementation & Development of Data Communications infrastructures involving multi-protocol environments, including TCP/IP, IPX/SPX, SNA and Appletalk together with CISCO, 3COM and EXTREME Hardware & Software.

Identifying, Designing, Implementation & Development of Network Management Systems utilising SNMP and CMIP protocols together with HP Openview, BIS ISM Manager, Solaris Domain Manager, CISCO WORKS, EXTREME, and 3Com Network Management Software.

Identifying and resolving Hardware, Software and protocol related faults in both SME and Large enterprise corporate data networks.

Extensive Knowledge & Experience of both LAN, MAN and WAN based technologies including Ethernet, Fast Ethernet, Gigabit Ethernet, Token Ring, LES/EES, Kilostream, Megastream, Frame Relay, Switching & Routing of multi protocol data communications systems.

Extensive Knowledge & Experience of IT Security systems, including Firewalls (Palo Alto, Check Point, Watch Guard, Fortinet and Cisco ASA)

Configuration and Maintenance of security systems, including network and host security, video cameras, motion sensors (PIR, Laser, pressure), Firewalls (Palo Alto, Checkpoint Cisco ASA, WatchGuard) Linux based video management and storage systems and door access systems.

# Career Review

**Secure Meters Limited** **2019**

IT Engineer (Communications & Security) Support and configuration of both corporate Cisco based network and customer network (consisting of Windows 2016 servers, Palo Alto firewalls, Fortinet firewalls and cisco nexus switches). Both project work and routine support. Configuration of firewall security rules and security monitoring using Splunk for intrusion detection. Configuration and support of ITIL based secure customer environment and monitoring of security breaches. Mitigation and prevention of security breaches.

## Isolutions (Southampton University) 2018 -

Network Team Leader/Engineer managing a small team (4 staff) supporting corporate network and network management.(including network design, configuration, installation based on Cisco, Extreme and HP Switches and routers, including Cisco Nexus 7000/5000 Layer 3 Switch/Routers. Network Management using Cisco Prime and Solar Winds orion.

Management of security systems (Firewalls such as Checkpoint Firewall One, Palo Alto Firewall, IPAM systems (Infoblox DNS/IP Address Management).

Intrusion Detection and Prevention (AlienVault)

## VES Andover Limited 2017-2018

Network/Security/Windows Engineer supporting corporate network and windows servers and network management.(including network design, configuration, installation based on Cisco switches, HP Switches and Netgear Switches).

Installation and Support of Windows 2007, 2012 servers, VMWare Virtualisation, Windows 7 & 10 professional and Office 2010/2016 running on both locally installed packages and Office 365.

## Marine Guard 2015 – 2016

NETWORK ENGINEER

Network/security & network management engineer.- network design, configuration, installation based on Cisco switches within the marine industry. Including configuration of associated security hardware such as cctv cameras, pir motion, pressure and rfid sensors. Troubleshooting and support of high level security systems.

## AGE CONCERN NEW FOREST 2013 –2015

VOLUNTEER

Assisting with day to day operation and management of charity shop. Sorting donations (including clothing, books, brick a brack etc.), pricing, and transferring items to display area of shop. Customer liaison, and processing payments via checkout/till.

## CAPITA. 2007 – 2013

NETWORK ANALYST

Data network and voice network support (fault handling and resolution) of a corporate network consisting of internal corporate network separated by a Check Point firewall The external networks consists of the schools and libraries network, NHS network and connection to the internet. The infrastructure is primarily composed of a number of access layer Cisco switches (Catalyst 3750, 3550 etc) together with core (Cisco switches) (Catalyst 6506/6509/6509E).

Design, recommendation, configuration and installation of both network upgrades and new site commissioning/decommissioning as requirements demand.

Network Management of above infrastructure:

This was until recently provided by tools such as Cisco Works, HP Openview etc. However these tools were unable to provide the reporting functionality required. Therefore these have been replaced by ZoHo Corp’s OpManager. For the past couple of months this has been my major task. Initially carrying out a requirements definition and survey. This was followed by purchasing of required hardware and software, installation and configuration, and finally commissioning.

## SOUTHAMPTON CITY COUNCIL. 2006 – 2007

NETWORK ANALYST

Data network and voice network support (fault handling and resolution) of a council’s corporate network. The infrastructure is primarily composed of a number of access layer Cisco switches (Catalyst 3750, 3550 etc) together with core (Cisco switches) (Catalyst 6506/6509/6509E).

Design, recommendation, configuration and installation of both network upgrades and new site commissioning/decommissioning as requirements demand.

Network Management of above infrastructure, using hp Openview and Cisco Works

## INDEPENDENT CONTRACTOR. 2004 – 2006

NETWORK MANAGEMENT & DATA COMMUNICATIONS CONSULTANT

Data network support (fault handling and resolution) of corporate network’s’.

Project work for data networks and network management.

## UNIVERSITY OF WINCHESTER. 2003 – 2004

NETWORK TECHNICIAN

Data network support (fault handling and resolution) of corporate networks

Project work for data networks and network management.

## EXPRESS CONSULTING LIMITED. 2001 – 2003

NETWORK MANAGEMENT & DATA COMMUNICATIONS CONSULTANT

Data Network and Voice Network support (fault handling and resolution) of corporate networks

Project work for data networks and network management.

## SATELCOM (UK) LIMITED. 1998 - 2001

NETWORK MANAGEMENT & DATA COMMUNICATIONS CONSULTANT

Satelcom (UK) Limited – network and network management consultant - network design, configuration, installation based on Extreme and Cisco switches, together with troubleshooting and support of both large enterprise and sme networks. (E.g. M & S, Argos, Leicestershire City Council, Southampton General Hospital etc.)

Design, configuration, installation and commissioning of Network Management based on HP Openview.

## SOUTHAMPTON CITY COUNCIL 1997 - 1998

NETWORK ASSISTANT

Data network support (fault handling and resolution) of a council’s corporate network.

## SOUTHAMPTON UNIVERSITY HOSPITALS NHS TRUST 1994 – 1997

NETWORK ASSISTANT

Southampton General Hospital - data network support (fault handling and resolution) of corporate network together with network management utilising Sun Domain Manager etc.

# Professional Qualifications

LRSC

# Education and Training

SOUTHAMPTON INSTITUTE of HIGHER EDUCATION 1992 - 1994

HND Computer Science

PORTSMOUTH UNIVERSITY

GRSC Part 1 Chemistry with Computing 1991 - 1992

HNC Chemistry with Computing

HIGHBURY TECHNICAL COLLEGE 1990 - 1991

ONC Physics & Mathematics

SOUTHAMPTON TECHNICAL COLLEGE 1987 -1990

ONC Chemistry with Computing

# Personal

Marital Status: Single

# Interests

Bird watching/Wildlife Watching & Falconry, Travelling

Both Nationally & Internationally including Europe, Africa, Asia, Australia, North & Central America.