



Personal Summary

I am an experienced manager and IT systems administrator/ infrastructure architect and a fast learner in all things technical. Capable of both leading a dynamic team or working as an instrumental part of that team, I am able to anticipate the needs of a business and tailor my approach to the implementation of IT and communications to the statement of requirements necessary. My 20 years past experience as a networking engineer, infrastructure architect and systems administrator have refined my expertise for diagnostics and solutions. My business experience allows me to then deliver this in a cost effective way as part of maintaining the company's life cycle policies; adhering to complex budget requirements.

Experience

Senior Director and Strategic Leader of IT and Communications

For: Kent County Council (CCW)

June '15 - Present

- Changed all necessary hardware and software from client machines and servers to routing and switch equipment. Fully utilising TCP/IP, DHCP, DNS and VPN protocols and assignment. Using the 7-layer OSI model to efficiently rectify networking problems either remotely or directly in the end user environment (inc. Solarwinds)
- Executed full virtualisation of a physical environment utilising Microsoft Hyper-V and VMware technologies.
- Clustering setup and maintenance from clustered file servers and VMs to clustered SQL instances using MS SQL and Windows Failover Clustering.
- Migration of onsite operations to cloud based services. Including: Office 365, AWS/Azure and cloud based disaster recovery.
- Testing and verifying hardware and support peripherals to ensure that they meet specifications and requirements.
- The Utilisation and implementation of a fully working IIS webserver for intranet and Internet deployment.
- Providing end-user support in software (from operating system to software programs) and hardware (from installing peripherals to internal computer component replacements and upgrades)
- With Windows Server; including Active Directories, AD Group Policies, I created Domain Controllers, fully configured an operational MS Exchange Server and mailbox roles, and set up a hierarchy from Administrator to front-end users as well as initiating and implementing a fully operational NAS and SAN system.
- I used PowerShell and Bash script writing and editing for better productivity in batch tasks.
- HP and Cisco networking configuration and monitoring with Cisco to HP configuration translation during various upgrade scenarios.
- I trained teachers and management in the use, and more efficient utilisation of Office Word, Excel, PowerPoint, Outlook and Exchange ranging from 2007 through to the latest Office 365 versions.
- I experienced working on high volume transactional systems including Microsoft SQL Server environments.
- New VOIP implementation using Microsoft Skype for Business and Polycom.



IT & Infrastructure Consultant

For: Kent County Council

September '12 - June '15

- Consulting and implementing multiple new environments and network infrastructures for multiple clients for the Kent County Council, I have very wide and eclectic knowledge as well as substantial experience within the IT sector. This has been developed over the last fifteen years and accelerated by my consultancy role with KCC.
- I have been at the forefront of IT and communications projects, working with plans already in place and developing new projects as the project leader for various scenarios.
- This included re-patching, switch reconfiguration, and server installation and setup, throughout all the buildings and their relevant communication rooms; attaching the required routing and hub equipment for maximum successful connection to the servers at all times.
- Full utilisation of AD, GPs, TCP/IP, DHCP, DNS, NPS, IIS, VOIP and VPN protocols and assignment. This includes the creation and configuration of VLANs by way of switch and router configuration, inclusive of fibre run up-links from the core routers to edge switches on the network.
- I have created a new domain from scratch and implemented a hierarchical AD structure with specific rights and management delegation. I have then used this AD structure to create, develop and maintain a solid working environment through the use of group policy settings, DHCP scope creation and management, DNS record entry organisation, print server setup, wireless LAN setup and LAN configuration, to create security, structure and a better end user experience.
- I have managed staff and IT technicians in my role, setting targets or achievement goals that I have carefully selected and structured to be achievable in the given time frame; else an offer of more training if required.
- I have organised training courses for employees and management in the use, and more efficient utilisation of Office Word, Excel, PowerPoint, Outlook to bring about a more productive working environment.
- I have tested and verified hardware and support peripherals to ensure that they meet specifications and requirements and monitored the correct functioning of equipment to make necessary modifications to ensure systems comply with all specifications.
- I am in charge of several budgets that require strategic planning to best suit the needs of the company while maintaining the life-cycle policies of hardware and software to keep productivity at its best.
- I have experience in virtualisation technologies including VMware and a fully comprehensive knowledge of Microsoft Hyper-V. This is coupled with knowledge in SAN and NAS storage technologies with RAID configurations and disaster recovery. I also have experience in utilising the fail-over clustering technologies within these environments for better redundancy and reduced downtime.

Hardware, Software & Network Engineer/Administrator

For: Ashdown Medway Accommodation Trust

January '06 - May '11

Information for this specific role can be supplied on request as more current roles contain the same experience and exposure to technologies and infrastructures.



Education & Achievements

Open University

Currently working on

Degree

BSc (Hons.) in Computing and Information Technology

Fort Pitt Grammar School (Sixth Form)

September 1999 - July 2000

A(s)-Levels

Mathematics A

Further Mathematics & Statistics B

Information Technology A

Sir Joseph Williamson's Mathematical School

September 1994 - June 1999

G.C.S. E's

Mathematics A

Physics B

English B

Biology C

English Literature B

Design & Technology C

Information Technology A

Geography D

German B

Music D

Chemistry B

Skills & Further Information

- I am a member of many forums and am extremely active in the IT community in my spare time, I have always maintained an interest in new technologies and the development of new programs and apps. I helped with configuration of the Plex for AppleTV app by beta testing and contributing to ongoing development of the software.
- Web design is a passion for me, I have hand coded my own site to share information on my skills and media content with friends and family.
- Running my own virtual server at home 2019; a full Exchange 2016 mail server for personal email, contacts and calendar synchronisation.
- In my spare time I enjoy driving and attending car shows.
- I have a current 'Extended First Aid at Work' certificate with the British Red Cross and in turn Volunteered in my recent occupation to be the duty first aider.
- Clean full driving license with access to my own vehicle and a willingness to travel for work.
- I will pass a DBS check, standard or enhanced, where it will show no criminal convictions

References

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