George Skokos

Contact Me

George Skokos

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Languages

English

French

Technical Skills

Problem Solving

Networking Protocols

Operating Systems

Cloud Technologies

Containers

HTML/CSS/PHP

MySQL/MariaDB

Cybersecurity

Education

Microsoft University

☆ Microsoft Certified Professional plus Internet

Microsoft University

☆ Microsoft Certified Systems Engineer

Banyan Systems

☆ Certified Banyan Specialist (CBS)

Carleton University

☆ B.Mathematics, Computer Mathematics (2 years)

Ottawa Technical High School

☆ High School Diploma

Executive Summary

George Skokos brings over 35 years of professional work experience in computer systems to the table. With a diverse skill set covering computer operations, programming, documentation, and project management, he has proven himself time and again. Notably, Mr. Skokos served as the Director of Information Management Systems at Timestep Corp, where he successfully delivered a Due Diligence report to Newbridge Corp, leading to the acquisition of Timestep. Recognizing his expertise, Newbridge offered him a generous contract to oversee the smooth transition of Timestep's computer operations to align with their own. Trust George Skokos to expertly handle your computer systems needs.

Work Experience

Personal Leave   **April 2023 to December 2023**

Career Break

Researching Open Source technologies and building a home lab.

• Install, Configure, & Manage Proxmox Virtualization Server with LXC Containers

• Install, Configure, & Manage OpenWRT software router as an LXC container on Proxmox using VLANs

• Configure SignalWire VoIP services such as IVR, Fax, AI Agents, and Call Flow Builder

• Build two Cloud servers on Vultr running Docker, Docker Compose, PowerDNS, Nginx Proxy Manager, etc.

Systems Administrator   **October 2022 to March 2023**

DNSnetworks.com

Assigned to a team of IT experts providing 100+ clients with a full suite of managed IT services with on-site or remote support, as well as 24/7 monitoring and management of customer technology infrastructure. Duties include IT Consulting and Cloud Computing.

• Manage all aspects of customer IT infrastructure, including internal computing, Internet connectivity, storage systems and more. Provide help with security, site monitoring and daily data backups.

• Assigned to a team of Help Desk IT experts resolving tickets from 100+ clients

• Implementing Cybersecurity Solutions protecting clients against cyber threats using SentinelOne and Webroot.

• Support Business VoIP solution using FusionPBX/FreeSwitch

• Microsoft Office 365 including Exchange and Sharepoint. Microsoft Azure.

Systems Designer   **January 2019 to December 2021**

RHEA Technologies Lab Inc.

Wearer of many hats in a start-up type environment; Systems Engineering, Penetration Tester, Cybersecurity Researcher, Automation, Integration, Web App Development, Sales Engineering, Cloud Architect, in-house tool development, among other responsibilities in a SOC (MSSP), Professional Services, Consultant,, and DevOps environment. Consultant as required: Rheinmetall, MANET Project, Ryerson University CyberRange Project

• Application/Database hosting infrastructure/technologies/security. RapidPhire Network Traffic Analysis. Malwarebytes.

- Worked on Open Source Intelligence (OSINT) Project for the House of Commons.
- Built websites for clients & in-house using WordPress, PHP, HTML, CSS, & others.
- Configured and managed OSINT Tools (Shadow Dragon OIMonitor)
- QA testing of rapidPHIRE using Selenium webdriver and Python.

Systems Designer   **October 2018 to December 2018**

Phirelight Security Solutions / RHEA Inc.

Design a Network Solution Architecture Diagram for the European Space Agency's (ESA) proposed new Enhanced Security Operations Services (ESOS) Network. Evaluate online training courses pertaining to ISO/IEC 27001 - Information Security Management Systems - Requirements. Webmaster for the Corporate Web site http://www.phirelight.com . Attended regular virtual meetings to submit project interim status reports and share lessons learned.

TECHNOLOGY ENVIRONMENTS:

- Various Software Applications, Microsoft Office, OpenOffice, Word Processing, Spreadsheet, Database.
- Data Centre Network/Security Infrastructure, Facilities management assets, NAS, Internet, Switches, Bridges, Routers, Gateways, Communications Protocols, OSI Reference Model, TCP/UDP/IP, Netbios, Ethernet.
- WAN/LAN networking equipment,, firewall, protocols TCP/IP, UDP, DNS, SMTP, SNMP, HTTP, FTP, SSL, TLS, HTTP/ HTTPS, Telnet, SSH.
- Programming, HTML, PHP, MySQL.
- MS/Lx OS workstations/servers.
- Windows, Linux.
- Microsoft, Debian, Ubuntu.
- Application/Database hosting infrastructure/technologies/security. RapidPhire Network Traffic Analysis.
- Web Applications including WordPress, Google Docs, Slack, Dropbox, & others.

Quality Assurance Analyst   **June 2006 to October 2015**

Department of National Defence

Quality Assurance, testing, & 3rd Level Help Desk Support for the DND endpoint management system, Baseline Software, deployed on over 100,000 endpoints.. Endpoint tools included WinBatch, VBScript, & Microsoft Systems Management Server (SMS) for endpoint inventory & control. Evaluate, Test, & Document new software, versions, patches, & updates according to standard test procedures. Project Lead for implementation of new procedures for automated software testing, virtualization of the test lab, & remote access to test platforms. Attended regular weekly meetings to submit project interim status reports and share lessons learned.

TECHNOLOGY ENVIRONMENTS:

- Various Software Applications, Microsoft Office, Word Processing, Spreadsheet, Database.
- Data Centre Network/Security Infrastructure, Facilities management assets, SANS/NAS, iSCSI, Internet, Repeaters. Switches, Bridges, Routers, Gateways, Communications Protocols, OSI Reference Model, TCP/UDP/IP, Netbios, Ethernet.
- Programming, HTML, PHP, Basic, Visual Basic, Dbase 111+, MySQL, Pascal, Batch, Scripts, WinBatch, QA Run.
- WAN/LAN networking equipment such as Cisco, firewall, protocols TCP/IP, UDP, DNS, SMTP, SNMP, HTTP, FTP, SSL, TLS, HTTP/ HTTPS, SMIME, IPSec, Telnet, SSH, x.500/LDAP.
- Network Attached Storage (NAS), Storage Area Network (SAN), iSCSI, etc.
- MS/Ux/Lx OS workstations/servers.
- Windows NT.
- Microsoft, SUN, Dell, IBM, HP, Compaq, 3Com.
- Application/Database hosting infrastructure/technologies/security.
- Web Applications.

Senior Project Officer   **July 2002 to May 2006**

Department of National Defence

Appointed as 2iC to an Air Force Major, assisted with all aspects of Operations for the Pay & Pension Information Systems. Project

Lead for the replacement of obsoleted systems such as the financial archives stored on 12 inch optical discs. Interact with vendors and outsourced services provided to the Pay & Pension Information Systems. Trained and appointed as ISSO, Information Systems Security Officer, for the directorate. Project Lead for the ClaimsX inhouse database application including software testing and access control. Maintained the backup system- performing daily backups, restoring lost files Attended regular weekly meetings to submit project interim status reports and share lessons learned.

TECHNOLOGY ENVIRONMENTS:

• Various Software Applications, Microsoft Office, Word Processing, Spreadsheet, Database, ClaimsX.

• Data Centre Network/Security Infrastructure, Facilities management assets, SANS/NAS, iSCSI, Internet, Repeaters. Switches, Bridges, Routers, Gateways, Communications Protocols, OSI Reference Model, TCP/UDP/IP, Netbios, Ethernet, TimeStep's Permit Enterprise.

• WAN/LAN networking equipment such as Cisco, firewall, protocols TCP/IP, UDP, DNS, SMTP, SNMP, HTTP, FTP, SSL, TLS, HTTP/ HTTPS, SMIME, IPSec, Telnet, SSH, x.500/LDAP.

• Network Attached Storage (NAS), Storage Area Network (SAN), etc.

• MS/Ux OS workstations/servers.

• Windows 95, Windows NT .

• Microsoft, Dell, IBM, HP, Compaq, 3Com.

• Application/Database hosting infrastructure/technologies/security.

Quality Assurance Analyst   **July 2001 to July 2002**

Quest Software

Developed automation software using the QARun programming language focused on automation of Q&A tasks for three Corporate Software Products. Follow standard software testing procedures such as functional and regression testing. Build, Operate, and administer test lab equipment required for QA testing scenarios. Attended regular weekly meetings to submit QA interim status reports and share lessons learned.

TECHNOLOGY ENVIRONMENTS:

• Various Software Applications, Microsoft Office, Word Processing, Spreadsheet, Database.

• Data Centre Network/Security Infrastructure, Facilities management assets, SANS/NAS, Internet, Repeaters. Switches, Bridges, Routers, Gateways, Communications Protocols, OSI Reference Model, TCP/UDP/IP, Netbios, Ethernet.

• WAN/LAN networking equipment such as Cisco, protocols TCP/IP, UDP, DNS, SMTP, SNMP, HTTP, FTP, SSL, TLS, HTTP/ HTTPS, SMIME, Telnet, SSH, x.500/LDAP.

• Programming, HTML, PHP, Batch, Scripts, QA Run.

• Network Attached Storage (NAS), Storage Area Network (SAN), etc.

• MS/Ux OS workstations/servers.

• DOS, Windows, Windows NT.

• Microsoft, Dell, IBM, HP, Compaq, 3Com.

• Application/Database hosting infrastructure/technologies/security.

Programmer Analyst   **September 2000 to June 2001**

Department of National Defence

Coding and documenting software scripts in WinBatch to deploy and manage applications & the Windows OS deployed over 100,000 endpoints. Build, Operate, and administer test lab equipment required for software testing scenarios. Attended regular weekly meetings to submit project interim status reports and share lessons learned.

TECHNOLOGY ENVIRONMENTS:

• Various Software Applications, Microsoft Office, Word Processing, Spreadsheet, Database.

• Data Centre Network/Security Infrastructure, Facilities management assets, Internet, Repeaters. Switches, Bridges, Routers, Communications Protocols, OSI Reference Model, TCP/UDP/IP, Netbios, Ethernet.

• WAN/LAN networking equipment such as Cisco, protocols TCP/IP, UDP, DNS, SMTP, SNMP, HTTP, FTP, SSL, TLS, HTTP/ HTTPS, SMIME, IPSec, Telnet, SSH, x.500/LDAP.

- Programming, HTML, VB Script, Batch, WinBatch.
- MS/Ux OS workstations/servers.
- DOS, Windows, Windows NT, Banyan Vines.
- Banyan, Microsoft, Dell, IBM, HP, Compaq, 3Com.
- Application/Database hosting infrastructure/technologies/security.

IT Manager   **April 2000 to June 2000**

Buystream Inc

Responsible for all aspects of the Buystream Corporate Network of over 50 employees. Manage the rapid growth of the Corporate Network scaling from 30 to over 50 employees. Provide advice to Executive Management with such decisions as the cost/benefits of leasing versus purchasing of technology assets. Installation & maintenance of Windows NT servers & linux firewalls. Resolved a critical technological obstacle delaying $20M in private financing. Maintained the backup system- performing daily backups, restoring lost files

TECHNOLOGY ENVIRONMENTS:

- Various Software Applications, Microsoft Office, Word Processing, Spreadsheet, Database.
- Data Centre Network/Security Infrastructure, Facilities management assets, Internet, Repeaters. Switches, Bridges, Routers, Gateways, Communications Protocols, OSI Reference Model, TCP/UDP/IP, Netbios, Ethernet.
- WAN/LAN networking equipment such as Cisco, firewall, protocols TCP/IP, UDP, DNS, SMTP, SNMP, HTTP, FTP, SSL, TLS, HTTP/ HTTPS, SMIME, IPSec, Telnet, SSH, x.500/LDAP.
- Programming, HTML, PHP, MySQL, Batch, Scripts.
- VoIP, SIP, PBX, Network Attached Storage (NAS), Storage Area Network (SAN), iSCSI, etc.
- MS/Lx OS workstations/servers.
- DOS, Windows, Windows NT, Linux.
- Microsoft, Dell, IBM, HP, 3Com, Debian.
- Application/Database hosting infrastructure/technologies/security.

Senior IT Consultant   **October 1999 to March 2000**

Newbridge Corp.

Tasked with the integration of the TimeStep Network with the Newbridge Network. Migrated all TimeStep information processes to NewBridge standards such as email. Successfully completed all tasks and deliverables to the satisfaction of NewBridge management resulting in a performance bonus of one months pay. Maintained the backup system- performing daily backups, restoring lost files.

TECHNOLOGY ENVIRONMENTS:

- Various Software Applications, Microsoft Office, Word Processing, Spreadsheet, Database.
- Data Centre Network/Security Infrastructure, Facilities management assets, Internet, Repeaters. Switches, Bridges, Routers, Gateways, Communications Protocols, OSI Reference Model, TCP/UDP/IP, Netbios, Ethernet, TimeStep's Permit Enterprise.
- WAN/LAN networking equipment such as Cisco, firewall, protocols TCP/IP, UDP, DNS, SMTP, SNMP, FTP, SMIME, IPSec, Telnet, SSH, x.500/LDAP.
- Programming, MySQL, Batch, Scripts, WinBatch.
- MS OS workstations/servers.
- DOS, Windows.
- Microsoft, Dell, IBM, HP, 3Com.
- Application/Database hosting infrastructure/technologies/security.

Sr Network Administrator Acting Director, IT   **April 1999 to September 1999**

Timestep Inc

Responsible for all aspects of the Timestep Corporate Network of over 200 employees spanning 5 locations in 4 countries.. Provide assistance to the Research & Development Team for using the Corporate network in testing of products under development as well as operation of the R&D Test Lab. Operation and maintenance of the servers, backups, cabling, switches,

remote access, etc, Maintenance of all endpoints including both hardware and software. Supervise 3 inhouse staff and 2 contractors employed in the operation of Information Management. Manage and operate the inhouse help desk including end user satisfaction to the resolution of tickets.. Provide advice to Executive Management with such decisions as the cost/benefits of leasing versus purchasing of technology assets. Maintained the backup system- performing daily backups, restoring lost files. Established regular weekly meetings for receipt of project interim status reports, share lessons learned, and assign new tasks to staff..

TECHNOLOGY ENVIRONMENTS:

• Various Software Applications, Microsoft Office, Word Processing, Spreadsheet, Database.

• Data Centre Network/Security Infrastructure, Facilities management assets, Internet, Repeaters. Switches, Bridges, Routers, Gateways, Communications Protocols, OSI Reference Model, TCP/UDP/IP, Netbios, Ethernet, TimeStep's Permit Enterprise.

• WAN/LAN networking equipment such as Cisco, firewall, protocols TCP/IP, UDP, DNS, SMTP, SNMP, FTP, SMIME, IPSec, Telnet, SSH, x.500/LDAP.

• Programming, HTML, MySQL, Batch, Scripts, WinBatch.

• MS OS workstations/servers, Remote Access (RAS).

• DOS, Windows.

• Microsoft, Dell, IBM, HP, 3Com, Debian, Ubuntu, RedHat, & variants.

• Application/Database hosting infrastructure/technologies/security.

Senior Network Analyst   **December 1997 to March 1999**

Valcom Ltd.

Technical Lead for all aspects, except endpoints, of the DND computer network for several colocated Directorates in ADM(Fin CS) using Banyan Servers, Cisco Switches. RAS, IP Management, Mail, etc. Apply available software patches to all backend platforms including numerous Y2K patches. Provide consulting advice to clients on a variety of Technology subjects. Maintained the backup system- performing daily backups, restoring lost files Attended regular weekly meetings to submit project interim status reports and share lessons learned.

TECHNOLOGY ENVIRONMENTS:

• Various Software Applications, Microsoft Office, Word Processing, Spreadsheet, Database.

• Data Centre Network/Security Infrastructure, Facilities management assets, SANS/NAS, iSCSI, Internet, Repeaters. Switches, Bridges, Routers, Gateways, Communications Protocols, OSI Reference Model, TCP/UDP/IP, Netbios, Ethernet.

• WAN/LAN networking equipment such as Cisco, firewall, protocols TCP/IP, UDP, DNS, SMTP, SNMP, HTTP, FTP, SSL, TLS, HTTP/ HTTPS, SMIME, IPSec, Telnet, SSH, x.500/LDAP.

• Programming, Basic, Batch, Scripts.

• Network Attached Storage (NAS), Storage Area Network (SAN), etc.

• MS/Ux OS workstations/servers, SUN Sparc, Remote Access (RAS).

• DOS, Windows, Banyan Vines.

• Banyan, Microsoft, SUN, Dell, IBM, HP, Compaq, 3Com.

• Application/Database hosting infrastructure/technologies/security.

Project Leader   **April 1997 to November 1997**

LanVista Inc

Responsible for installation of the company's Flagship software product "Net FM" on client premises. Coordinate with Software Developers in the Product R&D Team as well as the Sales Executives working together toward the successful deployment of the Lanvista Net FM Software Product. Attend meetings with potential clients and Sales Executives effort toward establishing a client need for the Lanvista products.

TECHNOLOGY ENVIRONMENTS:

• Various Software Applications, Microsoft Office, Word Processing, Spreadsheet, Database.

• Data Centre Network/Security Infrastructure, Facilities management assets, NAS, Internet, Repeaters. Switches, Bridges, Routers, Gateways, Communications Protocols, OSI Reference Model, TCP/UDP/IP, SPX/IPX, Netbios, Ethernet, Token Ring.

• WAN/LAN networking equipment such as Cisco, firewall, protocols TCP/IP, UDP, DNS, SMTP, SNMP, HTTP, FTP, SSL, TLS, HTTP/ HTTPS, SMIME, Telnet, SSH, x.500/LDAP.

• Network Attached Storage (NAS), etc.

• MS OS workstations/servers.

• DOS, Windows, Banyan Vines, Novell Netware.

• Banyan, Novell, Microsoft, Dell, IBM, HP, Compaq, 3Com.

• Application/Database hosting infrastructure/technologies/security.

Network Analyst   **April 1995 to March 1997**

Valcom Ltd.

Mr Skokos was involved in the implementation of the Strategic Information Systems Plan (SISP) plan using PMBoK methodologies, procedures, and processes. This included the overall management, scope, budget plan, procurement strategy, WBS, implementation, risk/quality within the directorate. He was the Lead contact for all operating aspects of the Information Network including over 100 endpoints, 3 Servers, the data infrastructure, and opening/monitoring tickets for outsourced hardware maintenance/warranty issues. Attended regular weekly meetings to submit project interim status reports and share lessons learned.

Responsibilities:

• Maintained the backup system- performing daily backups, restoring lost files.

• Administration of the data infrastructure, CAT 5 cabling, routers/bridges/switches/hubs, and LAN/WAN connectivity with Ethernet topology.

• Management & Network Administration of over 3 Banyan Vines Servers including power redundancy, software updates, configuration, account creation/deletion, printers, etc.

• Administration and maintenance of over 100 endpoints including mentoring of users.

• Updated and maintained hardware and software inventory.

• Installed & Operated the Norton Symantec SystemWorks Software Suite for Anti-Virus, Software Distribution, & Endpoint Inventory of over 100 endpoints.

• Designed, Developed, Documented, & Deployed a computer program, PMANEDIT.EXE (Program Manager Editor), using Symantec BASIC & Dynamic Data Exchange (DDE) to automate as much as possible the management, installation, & configuration of software and applications on all endpoints. The design, architecture, & cost savings of this project inspired & formed the basis of the future DND Baseline Software endpoint systems management group.

TECHNOLOGY ENVIRONMENTS:

• Various Software Applications, WordPerfect, Lotus 123, dBase 3+, Microsoft Office, Word Processing, Spreadsheet, Database.

• Data Centre Network/Security Infrastructure, Facilities management assets, Internet, Repeaters. Switches, Bridges, Routers, Gateways, Communications Protocols, OSI Reference Model, TCP/UDP/IP, Netbios, Ethernet.

• WAN/LAN networking equipment such as Cisco, firewall, protocols TCP/IP, UDP, DNS, SMTP, SNMP, FTP, SMIME, x.500/LDAP.

• Programming, Symantec Basic, Dbase 3+, MS-DOS Batch, Scripts.

• MS/Ux OS workstations/servers.

• DOS, Windows, Banyan Vines.

• Banyan, Microsoft, Dell, IBM, HP, Compaq, 3Com.

• Application/Database hosting infrastructure/technologies/security.

Systems Analyst   **April 1994 to June 1994**

DMR Group Inc.

Prepared a report on the optimisation of Network Resources used by the North Warning System. Provide Consulting advice as required. This contract required the display of the highest level of Professionalism and Diplomacy as there were frequent interactions with numerous American Military Officers assigned to this directorate. The American CO, Lt Col GW Howard, presented to me a signed Letter of Recommendation. Provided inhouse classroom training to 80 civilian and Military staff on the

BeyondMail email system. Researched, evaluated, and documented a proposal for the deployment of the Norton Symantec SystemWorks Software Suite including Anti-Virus, Software Distribution, & Endpoint Inventory. Attended regular weekly meetings to submit project interim status reports and share lessons learned.

TECHNOLOGY ENVIRONMENTS:

• Various Software Applications, WordPerfect, Lotus 123, dBase 3+/4, Word Processing, Spreadsheet, Database, Norton Symantec SystemWorks.

• Data Centre Network/Security Infrastructure, Facilities management assets, NAS, Repeaters. Switches, Bridges, Routers, Gateways, Communications Protocols, OSI Reference Model, TCP/UDP/IP, Netbios, Ethernet, Token Ring.

• WAN/LAN networking equipment such as Banyan, protocols Vines IP, Vines StreetTalk Global Directory Naming Service.

• File Server Attached Storage tape backups, etc.

• MS/Ux OS workstations/servers.

• DOS, Windows, Banyan Vines.

• Banyan, Microsoft, Dell, IBM, HP, Compaq, 3Com.

• Application/Database hosting infrastructure/technologies/security.

Project Leader   **June 1993 to March 1994**

Synerlogic Inc. A division of Andersen Consulting

Project Lead for the rollout of a new Departmental eMail system using WordPerfect Office. This project implemented the 1st Department-Wide PC based email system and involved resolving a number of technical hurdles. The scope of this project was end-to-end and included back-end hardware and software dedicated to processing the departmental email as well as deployment of software to client endpoints. Numerous meetings with client management were involved including substantial knowledge-transfer in the form of documentation, regular weekly meetings, as well as one-on-one mentoring.

TECHNOLOGY ENVIRONMENTS:

• Various Software Applications, WordPerfect, Lotus 123, dBase 3+, Word Processing, Spreadsheet, Database.

• Data Centre Network/Security Infrastructure, Facilities management assets, NAS, Repeaters. Switches, Bridges, Routers, Gateways, Communications Protocols, OSI Reference Model, SPX/IPX, Netbios, Ethernet.

• WAN/LAN networking equipment such as Cisco, firewall, protocols SMTP, FTP, SMIME, Telnet, x.500/LDAP.

• Programming, Batch, Scripts.

• File Server Attached Storage tape backups, etc.

• MS OS workstations/servers, 3270 GWs.

• DOS, Windows, Novell Netware.

• Novell, Microsoft, Dell, IBM, HP, Compaq, 3Com.

• Application/Database hosting infrastructure/technologies/security.

Network Analyst   **April 1991 to June 1992**

Remuera Inc.

Consultant assigned to various GoC Departments resolving issues ranging from Banyan Vines, Unix, Novell Netware, 3Com 3+Open/Share, IBM LAN Server, & Microsoft Windows NT as well as endpoints & Communications Infrastructure. Attained Certification as a Certified Banyan Specialist. Most tasks and projects involved Emerging Technologies. Maintained the backup system- performing daily backups, restoring lost files Provided Professional classroom training to Network Administrators on the WordPerfect Office email system. Attended regular weekly meetings to submit project interim status reports and share lessons learned.

TECHNOLOGY ENVIRONMENTS:

• Various Software Applications, Microsoft Word, WordPerfect, Lotus 123, dBase 3+/4, Word Processing, Spreadsheet, Database.

• Data Centre Network/Security Infrastructure, Facilities management assets, NAS, Internet, Repeaters. Switches, Bridges, Routers, Gateways, Communications Protocols, OSI Reference Model, TCP/UDP/IP, SPX/IPX, Netbios, Ethernet, Token Ring.

• WAN/LAN networking equipment such as Cisco, firewall, protocols TCP/IP, UDP, DNS, SMTP, SNMP, FTP, TLS, SMIME, Telnet, x.500/LDAP.

- Programming, Basic, Dbase 3+, SQL, Batch, Scripts.
- File Server Attached Storage tape backups, etc.
- MS/Ux OS workstations/servers, SUN Sparc, Mainframes, 3270 GWs.
- DOS, Windows, Unix, Banyan Vines, Novell Netware.
- Banyan, Novell, Microsoft, SUN, Dell, IBM, HP, Compaq, 3Com, Unix, & variants.
- Application/Database hosting infrastructure/technologies/security.

Jr Programmer Analyst   **April 1991 to September 1991**
Antares Inc.

Programmer producing reports from the Company Accounting & Inventory Database using the Progress Database Programming Language. Managed all aspects of the Corporate computer network using Banyan Servers and endpoint DOS workstations. Planned and implemented the TCP/IP protocol across the Corporate network. Assist and advise Sales Executives as a Subject Matter Expert on Banyan Networking and Microsoft desktop technologies. Maintained the backup system- performing daily backups, restoring lost files. Attended regular weekly meetings to submit project interim status reports and share lessons learned.
TECHNOLOGY ENVIRONMENTS:
- Various Software Applications, WordPerfect, Lotus 123, dBase 3+/4, Progress db, Word Processing, Spreadsheet, Database.
- Data Centre Network/Security Infrastructure, Facilities management assets, Repeaters. Switches, Bridges, Routers, Gateways, Communications Protocols, OSI Reference Model, TCP/UDP/IP, Netbios, ArcNet.
- WAN/LAN networking equipment such as Banyan Routing,protocols TCP/IP, UDP, DNS, SMTP, SNMP, HTTP, FTP, SMIME, Telnet, Vines IP, Vines StreetTalk Global Directory Naming Service.
- Programming, Basic, Progress, Dbase 3+, SQL, Batch, Scripts.
- File Server Attached Storage tape backups, etc.
- MS/Ux OS workstations/servers and a Digital Equipment Corporation's (DEC) DECsystem Minicomputer..
- DOS, OS/2, Windows, Banyan Vines.
- Banyan, Microsoft, Dell, IBM, HP, Compaq, 3Com, Unix & variants.
- Application/Database hosting infrastructure/technologies/security.

Network Administrator   **April 1990 to March 1991**
RES Policy Research Inc

Managed all aspects of the IS&T computer network using 3Com 3+Share & 3Com 3+Open Servers and endpoint DOS workstations. Most tasks and projects involved Emerging Technologies. Expand and maintain the 10base2 coax ethernet network. Problem resolution of server and desktop hardware and software. Maintained the backup system- performing daily backups, restoring lost files. Prepared documentation on LAN administration standard operating procedures. Attended regular weekly meetings to submit project interim status reports and share lessons learned.
TECHNOLOGY ENVIRONMENTS:
- Various Software Applications, WordPerfect, Lotus 123, dBase 3+/4, Word Processing, Spreadsheet, Database.
- Data Centre Network/Security Infrastructure, Facilities management assets, NAS, Repeaters. Bridges, Communications Protocols, OSI Reference Model, Netbios, Ethernet. NetBEUI
- FTP, SMIME, Telnet.
- Programming, Dbase 3+/4, SQL, Batch, Scripts.
- File Server Attached Storage tape backups, etc.
- MS, IBM OS/2 OS workstations/servers.
- DOS, Windows, 3Com 3+Share/Open.
- Microsoft, Dell, IBM, HP, Compaq, 3Com.
- Application/Database hosting infrastructure/technologies/security.

Network Administrator   **December 1989 to May 1990**
Fisheries & Oceans

Managed all aspects of the F&O computer network using Banyan Servers and endpoint DOS workstations. Most tasks and

projects involved Emerging Technologies. Expand and maintain the 10base2 coax ethernet network as well as the token ring network. Perform and test daily backups of server files. Problem resolution of server and desktop hardware and software. Maintained the backup system- performing daily backups, restoring lost files. Prepared documentation and network diagrams on LAN administration standard operating procedures. Attended regular weekly meetings to submit project interim status reports and share lessons learned.

TECHNOLOGY ENVIRONMENTS:

• Various Software Applications, WordPerfect, Lotus 123, dBase 3+/4, Word Processing, Spreadsheet, Database.

• Data Centre Network/Security Infrastructure, Facilities management assets, Repeaters. Bridges, Gateways, Communications Protocols, OSI Reference Model, Ethernet, Token Ring.

• LAN networking equipment such as Cisco, protocols FTP, SMIME, Telnet.

• Programming, Dbase 3+, Batch, Scripts.

• MS OS workstations/servers.

• DOS, Windows, Banyan Vines.

• Banyan, Microsoft, Dell, IBM, HP, Compaq, 3Com.

• Application/Database hosting infrastructure/technologies/security.

Jr Programmer Analyst   **May 1988 to November 1989**

Employment & Immigration

In the Engineering Group, learned X.25, PAD, WAN. Wrote a General Purpose Form processing and printing program in GW BASIC. Evaluated Emerging Networking Technologies such as Banyan, Novell, TOPS (Apple), IBM Lan Server, & 3Com 3+Open. Evaluate Ethernet, ArcNet, and Token Ring topologies and document benefits of deterministic versus nondeterministic network communications. Attended regular weekly meetings to submit project interim status reports and share lessons learned. Promoted to Immigration Program Delivery for the purpose of pioneering the deployment & operations of Microcomputers and applications to the general population of about 60 Officer Workers. Provided training & mentoring of Computer Literacy skills to staff. Managed all aspects of CEIC endpoint computers using DOS. Most tasks and projects involved Emerging Technologies. Developed and documented a dBase IV application.

TECHNOLOGY ENVIRONMENTS:

• Various Software Applications, WordPerfect, Lotus 123, dBase 3+/4, Word Processing, Spreadsheet, Database.

• Data Centre Network/Security Infrastructure, Facilities management assets, Repeaters. Bridges, Gateways, Communications Protocols, OSI Reference Model, SPX/IPX, Netbios, Ethernet, Token Ring, NetBEUI.

• Programming, Basic, Dbase 3+4, SQL, Pascal, Batch, Scripts.

• MS, IBM, 3Com, DOS, OS/2, OS workstations/servers, Mainframes, 3270 GWs.

• DOS, Windows, Banyan Vines, Novell Netware.

• Banyan, Novell, Microsoft, Dell, IBM, HP, Compaq, Burroughs, 3Com.

• Application/Database hosting infrastructure/technologies/security.