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Objective:

To maintain constant demand for my services by providing companies with cost effective, reliable implementations of new computer technologies.

Services provided:

- Project Management of Technical Infrastructure projects. Technical design, equipment procurement, service implementation.
- Windows XP workstation standardization and management, system security and patch management, software certification, packaging and distribution
- Software development leader, web site systems development, analysis and design

Experience:**Nexen Inc. – International Energy and Chemicals Company June, 2004 to December, 2004**
Project Manager, IT Architect

- Very dynamic and challenging role as the IT Architect where Nexen is leading the construction of a new oil sands processing plant in Northern Alberta. This effort dealt with four major companies IT activities related to the construction of a new major oil sands processing facility.
- Duties included: guide and define the overall IT architecture, define the roles and responsibilities between the companies in relation to systems design, provision and support at the remote facility, ensure all significant IT issues are deal with expediently and effectively, establish the processes required for procurement, deployment and operation of the IT Architecture.
- coordinate the purchasing, delivery and deployment of systems
- ensure existing support personal are knowledgeable and capable of supporting the new facility
- coordinate the activities of site IT support personnel

Environment included Windows XP, Windows 2000 servers/domains. VPN, 802.11g wireless services, Citrix FR3, scan to email.

Alliance Pipeline – International Gas Pipeline Company October, 1999 to December, 2003
Technical Specialist, Project Manager

- Desktop Architect. Led the development and implementation of technical standards for all personal systems. Performed two generations of desktop/laptop design and rollout as both project and technical lead. Windows XP laptops and desktops. Developed the infrastructure and processes to implement and maintain a reliable and effective workstation infrastructure. Implemented a software certification lab and processes. Developed a software packaging and delivery service. Mentored the permanent staff.
- Directed workstation security activity including vulnerability/patch evaluation, coordination of certification/testing, automated rollout, ongoing education, home security infrastructure and practices. Only one lost time vulnerability exploit experienced in four years (Loveletter).

Environment included Windows XP, VBScript, WMI, ADSI, Windows 2000 servers/domains. Numerous applications and services (Office XP, Internet Explorer, Oracle). 600 desktop/laptops spread from Northern B.C. to Chicago.

Martin Newby Consulting Ltd. – GIS specialists September/October, 2000
Technical Specialist

- Designed and developed the web server, web pages, database design and GIS functionality for a prototype Emergency Response system.
- Installed Autodesk MapGuide Server. Configured the web service.
- Configured and implemented the network (firewalls), secured the web server.

Environment included NT, IIS 4, AutoDesk MapGuide, Microsoft Access, Internet Explorer, Netscape Navigator.

PinPoint AVL Services Ltd. – GIS/GPS service startup company May, 1999 to August, 1999**Technical Project Specialist**

- Project Manager/Developer for startup company providing Web based fleet management services. Developed the prototype system using VBScript, Access, HTML, ODBC and AutoDesk MapGuide. Defined/tracked tasks and performed QA for small development team for production software. Defined project plan for next phase of system development (deliverables, budget, resources) in preparation of going for venture capital. Technology included CDPD cell modems coupled with built in GPS.

Environment included AutoDesk MapGuide, Frontpage, IIS 4.0 (some 5.0 beta), VBScript, ASP, ODBC, NT Server 4.0.

Net Effect Systems Ltd. – Web Technology Specialists August, 1998 to March, 1999

North Hollywood, California, USA

Senior Customer Engineer

- Systems Analyst/Project Engineer for software development company. Implement software packages in customer sites (NT/Unix). Define customization/integration requirements, manage development team, implement software, train customers. Perform product demos, assist customer in migration to new technology. Worked with large and small companies throughout North America. Project manager for development of custom Delphi based messaging client (for SBC Communications of San Francisco). Directed the development of a customer focused, web based support service. Included trouble ticket creation, tracking and escalation.

Established initial computer infrastructure including server setup, DNS, DHCP, WINS, Firewall, naming conventions, mentored support staff.

Environment included JavaWebServer, Java, JHTML, SQL Server, ODBC/JDBC, Windows NT, Solaris.

MetroNet Solutions Inc. (AT&T Canada) – Telecommunications January, 1998 to July, 1998**Senior Technical Consultant**

- Led technical project to update basic workstation and server infrastructure for national Telecommunication company. Designed standardized workstation OS and application configuration and delivery systems. Determined method to effectively integrate software installation tool (WinInstall) with software distribution tool (Microsoft's System Management Server - SMS). Developed remote system 'snapshot' utility for real time system health and inventory.

Environment included Microsoft Windows NT/95 (~1200 stations), NT Servers (Single Master Domain), SMS, Office suite, Exchange, Outlook, WinInstall, WinBatch, 100BT, switched ethernet, DHCP, WINS, DNS.

TransCanada Pipeline – Natural Gas Transmission November, 1996 to December, 1998**Senior Technical Consultant**

- senior consultant on project converting heterogeneous Windows 3.1/Mac shop to standardized NT 4.0 (desktop)/Windows 95 (laptop) environment for international gas company. Maintained deliverable lists, coordinated tasks, provided quality assurance. Designed workstation, automated application installation, selected/implemented software deployment tools/strategy including automated application update service. Trained technical support staff (mentor and classroom).

Environment included Microsoft Windows NT/95, Novell 4.11, Office, Netscape Navigator and Communicator, shared fax, remote control, switched ethernet, ATM, DHCP, WINS. 3500 workstations.

Nova Corporation of Alberta – Natural Gas Transmission September, 1988 to October, 1996**Senior Technical Analyst - Employee**

- lead a technical team (10 people) in the definition of a standardized desktop and server

environment converting to Microsoft Windows NT 4.0 desktop and server from DOS/Windows 3.1 and Novell 3.12. Project planning, technical team formation/management, budgeting, definition of target functional spec, establish testing facility, coordinate all aspects of technical design, coordinate development and testing, determine process for application software certification.

Environment included:

Windows NT 4.0 (beta and production), Backup Exec, RAS, 40 Compaq servers, 3500 Compaq/AST workstations. 10BT, DNS, WINS, automated workstation install, script based remote application installation, server based applications,

- acting team leader of Technical Support. Project Manager for recabling/system upgrade project. VMS and Netware system Management.

Skills:

Systems Management Tools/Utilities

Windows Scripting Host, VBScript, ADSI, WMI
MSI, Group Policy
WinBatch, eDir
Resource Kit Utilities (e.g. Windiff)
Management Utilities (e.g. Filemon, RegMon, PSEXEC)
Remote Control

Networking

Protocols (TCP/IP, IPX, NetBios)
Services (DHCP, DNS, WINS)
Network Design
Infrastructure (firewalls, hubs, switches, routers)
Network Utilities
Ethereal

Application/Patch Management

WinInstall, Zenworks
MSI, Update Expert
IEAK
Office Resource Kit
Administrative Install Points
SMS

Management

Technical Leadership
Project Management
Team Leadership
Task Management/Tracking/Delegation
Product Selection and Support
Systems Analysis

Education/Certification:

Microsoft Certified Systems Engineer (MCSE):

- NT Workstation
- Networking Essentials
- TCP/IP
- NT Server
- NT Server Enterprise
- Systems Management Server

Certified Netware Engineer (CNE 3.11)

Computer Technology Diploma

Southern Alberta Institute of Technology, Calgary, Canada

Honors Marks