

Thomas W Johnson III

Objective To increase the productivity of clients' business through suitable technology solutions which provide a challenge to my knowledge and problem-solving abilities.

Skills **Operating Systems / Programming Languages / Applications (not exhaustive and in no order)**

- Linux/Xfree86
- OpenWRT (embedded Linux)
- BASH (shell scripting)
- Perl
- C (GCC & GNU dev. tools)
- Netscape FastTrack Web Server
- Apache Web Server
- Quanta Plus
- Eclipse IDE
- Bazaar (version control)
- HTML / XHTML
- PHP
- MySQL
- TCP/IP, FTP, DNS, DHCP, telnet, ssh
- ipchains/iptables packet filtering
- WifiDog Captive portal (source code)
- Lanalyzer, tcpdump
- Arcserve, Backup Exec
- Novell NwAdmin, NAL, Zenworks, Bordermanager, Groupwise
- MS Exchange Server
- MS Office 95-XP, MS Access
- Corel Office / Wordperfect
- SUN OpenOffice / StarOffice
- Lotus 1-2-3
- Paradox v5
- Microstation v4
- DataCad, AutoCad R13
- Nessus, Nmap, Snort
- FreeS/WAN / OpenSWAN
- WINE
- GIMP
- Novell Netware 3.12 - 6.x
- MS Windows (3.11 - XP)
- MS Windows NT4, 2000 Server
- MS-Dos 1.x - 6.x
- AmigaDOS 3.1
- BASIC (Symantec, Visual)
- ObjectPal
- Lantastic
- UNIX System V R4 (textbook)
- AIX
- Borland C++ 4.2
- Qt
- ARexx
- CGI
- [AutoLisp](#)
- CLISP
- Visio, Kivio, Dia
- Net Objects Fusion
- Intel LanSchool
- Reflections 7
- Seagate Desktop Management
- Norton Network Administrator
- HP OpenView
- Quicken
- File Maker Pro
- Cadapult
- Qcad
- Ardour & related DAW tools
- Inoculan
- Anti-Virus (AVG, McAfee, Norton PC & Corp Edition)
- Emacs

Skills (cont.)

Miscellaneous

- 3com, Linksys, Netgear, Dlink, Buffalo, Meraki devices (ie. Routers, Firewall appliances, Managed hubs and switches, Wireless Access Points)
- Cisco routers and firewalls/PIX
- Osiris & SASI XP Student Accounting Software
- PCS POS software, Miscellaneous Point Of Sale systems
- Various educational learning and administrative software
- Various Thin Client / VPN solutions & interoperability
- Various Music and Sound Editing software packages (I.e. Cakewalk Pro)
- Home Automation (i.e. Mr. House), Computer Interface to X10 and iButton/1-Wire devices
- Various Open Source software solutions

Personal Skills

Attributes

- Multitasking - Ability to focus on multiple problems and implement solutions simultaneously, to the extent physically possible.
- Resourceful Creativity - Provide solutions that may not be a typical 'textbook' answer to the problem.
- Adaptability - Background exposure to diverse computer systems allows me to easily learn unfamiliar systems (hardware & software) and to troubleshoot problems therein.

Miscellaneous Skills/Interests

- Drywall Hanging/Finishing
- Vinyl Flooring Installation
- Rough Carpentry
- CNC CAM
- Auto Repair / Mechanics
- Alternative Energy/Renewable Technology
- Sound Reinforcement/Recording/Mixing/Production
- Home Automation

Certifications Brainbench Certified

- Internet Research Techniques & Resources (US) - Master
- RDBMS Developer
- Computer Technician
- Network Technical Support
- Linux Administration (General)
- Linux Administration (RHEL5)
- Network Security
- Internet Security
- Novell Netware 5.0 Administration
- Novell Netware 4.11 Administration
- Windows 95 Administrator
- Windows NT Administrator
- HTML Programmer
- High IT Aptitude

Education New Horizons, King of Prussia, PA

- Novell ManageWise 2.6 Course

Delaware Technical and Community College, Georgetown, DE

- Novell Networking Essentials Course
- Novell Netware 4 Administration Course

Cecil Community College, North East, MD

Major in Computer Information Systems

- 56 credit hours (Equivalent to Associates Degree), 2.71 GPA
- Microsoft Windows NT Network Administration and Technical Support Training for MCSE Track

Clark Design Group, Elkton, MD

Computer Aided Drafting Apprenticeship

- Performed Architectural hand drafting, and model building
- Improved design productivity using DataCad software

Professional experience 1995-present
T3 Technologies, LLS / Thomas W. Johnson III - Newark, DE / Elkton, MD

Computer Networking and Security Specialist / Independent Consultant

- Provide personal computer and network consulting Services to clients including installation, maintenance and network administration.
- Evaluate client systems and make recommendations as required regarding: network design, upgrade paths, purchasing based on suitability to task, configuration changes, internet connectivity, and backup strategies.
- Implement and analyze internal and external network security.
- Specialize in recommending and implementing freely available or low-cost Open Source and proprietary software, particularly in place of high-cost commercial equivalents.
- Custom programming and development, including modification of Open Source software to meet specialized requirements.

September 2000 - February 2003

Applied Computer Systems, LLC - St Michaels, MD

Network Specialist / Field Technician

- Autonomous maintenance of client/customer accounts
- Install and maintain Local and Wide Area Network systems for clients
- Setup, installation, and maintenance of routers, firewalls, VPN's, and proxy, mail & web servers.
- Custom Database programming
- Troubleshoot, service, and repair Dot Matrix, Inkjet, and Laser printers
- Run, punch-down, and test cabling for data communications

January 1997 - September 2000

State of Delaware - Milford School District, Milford, DE

Network Support Specialist

- Network Engineering/Administration in 25 server, 4000 User Multi-topology WAN (users, security, printing, CD towers, managed hubs and switches, etc.)
- Database Administration including data extraction and conversion as required, notably in the implementation of new State-wide Student Accounting System software
- Setup configure, troubleshoot, and optimize hardware and software
- Configure network client and static IP settings, configure DHCP servers
- Implement Windows 95 system and group policies via Novell ZenWorks
- Develop batch files, Basic Scripts and custom applications as required

- Troubleshoot and resolve LAN and WAN problems including NDS issues, printing, network traffic, connectivity, and configurations.
- Coordinate with outside vendors as required
- Punch Down and test Cat5 cabling
- Keep records of work performed, changes to inventory data, and software license use

December 1993-November 1996

Maintenance Services, Newark, De

Engineering Assistant / Draftsman

- Performed network administration and troubleshooting on a 25 user Novell Netware LAN with gateway to an HP3000 server via WRQ Reflections software
- Administered network computer system improvements and trained employees as required
- Implemented drawing numbering system
- Performed all database programming for drawing number database and for the Quality Control department's inspection report database
- Performed design, drafting and checking of assembly, procedure, and as-built drawings for all aspects of steel tank construction and repair
- Maintained design standards in accordance with API 650 and 653, AWWA D100, FMRC Class 4020, and applicable customer specifications
- Saved company several hundred man-hours by developing automation routines for CAD, creating and modifying applications for engineering calculations, and developing database applications.
- Trained entry-level Draftsman

June 1992 - December 1993

Allstates Design & Development, Trevese, PA - DuPont Louviers site

Senior Facilities Designer / CADD Draftsman

- Managed all facilities design and drafting work for Louviers and other DuPont sites
- Received award as a contributing member of a high productivity DuPont Facilities Services team
- Managed internal peer-to-peer network providing access to proprietary information
- Served as a member in a high output drafting team to create and edit PNI, Isometric, piping, electrical and other drawings related to chemical plant operations

**Partial Client
List**

- [dSpot, Inc.](#)
- Healthcare Practice Management - Wilmington, DE
- Kolorama Networks - Wash. D.C.
- Shore Pool Care, Inc. - Easton, MD
- Applied Computer Systems, LLC - St. Michaels, MD
 - Maryland Rural Development Corporation
 - Kent County Health Department
 - Queen Anne's County Health Department
 - The Brookside Company
 - Bay's Best Seafood
 - Harris Seafood
 - Armour-Swift Ekrich
 - Easton Memorial Hospital
 - Dorchester General Hospital
 - Velsicol Chemical
 - YMCA, Talbot County
- Earth Data - Centerville, MD
- Woodbridge High School - Bridgeville, DE