

**John H. Zielke**  
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## **QUALIFICATIONS**

- System Administrator for Linux systems.
- Familiar with several operating systems and hardware architectures.
- Experience with computer systems in a networked environment since 1999.
- Certified IBM WebSphere Application Server Standard Edition, V3.
- Proficient in quality control, operator manuals, and troubleshooting procedures.
- Performs with limited supervision and is capable of independent research.

## **COMPUTER SKILLS**

- Installation and initial configuration of Linux systems including maintenance and end user support, security monitoring, PCI compliance, SSL certificates, updates, data restoration.
- Programming: Shell scripting, Visual Basic, PHP, SQL, Python, and program debugging.
- Operating Systems: DOS, Windows, Linux (Slackware, Redhat, Ubuntu, Gentoo), OS/400.
- Software: Bind, Apache, MySQL, PostgreSQL, Sendmail, Postfix, VMware, Sawmill, MRTG, AMaViS, SpamAssassin, Barracuda, Samba, QEMU, UNIX/Linux utility programs and various application specific software.
- Networking: DNS, FTP, IPv6, firewall/m0n0wall/pfsense, wireless/captive portal, HTTP/HTTPS, printer server, mail server.

## **WORK HISTORY**

- 2008 - present                    *Linux Administrator, ARS eCommerce*
- Server configuration and maintenance for eCommerce.
  - Installation and monitoring of LAN systems to accomplish communications, development, data archive, statistics, system integrity, security.
- 2000 - present                    *Independent Contractor*
- Consultant for Chattanooga State Technical Community College, Linux specialist for Network Services.
- 2000 - 2008                        *IT Specialist at Chattanooga Auto Auction*
- Beta test software, write custom applications, end user support, network maintenance and troubleshooting, AS/400 administration.
- 1999 - 2000                        *System Administrator, Combiz*
- Responsible for system security, system functionality, troubleshooting problems, and developing solutions in a demanding business environment.

## **EDUCATION**

Chattanooga State Community College, Dec 2013 - Associate of Applied Science Engineering Technology; Technical Certificate Advanced Process Technology; Technical Certificate Process Technology