

Jessica Brown

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IT Linux Systems Administrator

I am a seasoned Linux IT professional with solid history in provisioning, installation, configuration, operation, and maintenance of systems networks, hardware, software and related infrastructure.

QUALIFICATIONS PROFILE

- Track record of performance in daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups.
- Adept in identifying and eliminating inefficiencies based on business needs, best practices, and fiscal necessities, generating immediate results for operational excellence.
- Skilled team leader and trainer with a track record of directing direct multiple tasks effectively to ensure on target completion of all deliverables. Outstanding interpersonal and communication strengths leveraged to train users, troubleshoot system issues, and ensure total client satisfaction.

TECHNICAL PROFICIENCIES

Platforms: Windows, Ubuntu, CentOS, Fedora, Debian, BSD, Mandrake

Server platforms (Apache and nGinX)

Programming languages (PHP, Ruby on Rails, JAVA, BASH, Python, etc.)

Database systems (MySQL, MariaDB, PostgreSQL, MSSQL, Oracle, SAP, and DB2)

Software: Office Systems including Microsoft Office 2000 - 2016, including Office 365, Libre Office, AbiWord, Word Perfect, Lotus Works and many other Office Suites

PhotoShop, GIMP, Illustrator, Web Browsers, Programming IDE, Outlook and many others.

Professional Experience

SPECTRUM LABS – Robert Half Technologies, Sharonville, OH

Linux Systems Administrator Contractor (02/13/2017 – 06/09/2017)

Closely monitor and manage the operational support systems to proactively identify service impacting events relating to IT, network, and facility conditions. Perform service, repair, and installation of company product(s) including system hardware, software, PCs, scanners and printers, etc.

- Recognized for personally developing scripts to automate numerous redundant tasks and to raise new web servers in less than 30 minutes.
- Conduct analysis, diagnosis, and resolution of complex web page / server problems for a variety of end users, and recommend and implement corrective solutions.
- Manage end user accounts, permissions, access rights, and storage allocations in accordance with best-practices regarding privacy, security, and regulatory compliance.
- Coordinate web developments through continuing education, reading, or participation in professional conferences, workshops, or groups.
- Perform day-to-day network maintenance such as ensuring adequate file server space and virus detection.
- Administer internet/intranet infrastructure, including components such as web, file transfer protocol (FTP), news and mail servers.

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SECURELIVE, LLC, Findlay, OH

Software Engineer III (Lead) (10/2006 – 12/2016)

Promoted and developed a server security system development environment to keep users, employees, and data safe. Developed and implemented tools and methodologies to test and ensure quality and stability of applications and infrastructure in a Continuous Integration processes.

- Played an integral role in the development of an SQL Server handling over 30 Billion transactions per second.
- Encrypted data transmissions and erect firewalls to conceal confidential information and to exclude tainted digital transfers.
- Created plans to safeguard computer files against accidental or unauthorized modification, destruction, or disclosure and to meet emergency data processing needs.
- Established security technical direction and developed threat modeling and threat mitigation strategies.
- Performed risk assessments, virus protection systems updates, and computer security files modifications to incorporate new software, correct errors, or change individual access status.
- Trained users and promoted security awareness to ensure system security and to improve server and network efficiency.
- Administered computer networks and related computing environments including computer hardware, systems software, applications software, and all configurations.
- Performed hardware, software, and other network and system problems troubleshooting as well as data backups and disaster recovery operations.

Education and Certifications

- **2001, A+ Microsoft Certification**
- **1996, C+ Hardware Certifications**
- **1995, Belford University Online Master's Degree Computer Engineering (*unaccredited)**
- **1994, Education Dynamics Institute Associate's Degree Electronics Technology**
- **1994, N+ Novell Certification**
- **1994, Server 2003 Crystallite Award**
- **1993, Motorola Installation Certificate**
- **1991, Hewlett Packard Laser Printer Repair Award**

Accomplishments

- **Application Development**, used object-oriented design and programming new stand-alone security application suite from concept to production. Patent pending owner of SecureLive security suite.
- **Quality Assurance**, streamlined QA process to increase efficiency and reduce new product rollout time by one week.
- **Program Requirements**, wrote program requirements which succeeded in utilization on dedicated, VPS and shared servers alike.
- **System Integration**, aligned office departments and increased inter-department communication and data sharing through collaboration software over intranet.
- **IT Training**, successfully trained 14 employees to use new custom built administration utilities, tools including technical support.

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- **Operational Management**, identified, recommended and prioritized new Web features and applications in conjunction with business leaders and department managers. Developed, coded, installed, tested, debugged and documented Web applications using appropriate editors. While maintaining well within budgeted costs and expectations.
- **Problem Resolution**, responsible for support and development of company disaster recovery plan. Served as advocate for end-users, performing tests and problem analysis for server, desktop and IT infrastructure work.
- **Security Solutions**, managed client network security through installation of self-developed software Blocking, Reporting and Alerting Software. Setup communications with FBI office to send reports of hackers.
- **Installation**, installed appropriate security patches to dissolve security vulnerabilities.
- **Project Management**, Prepared design specifications, developed reporting and analytics, tested and managed user adoption.
- **Branding**, created web prototypes including wireframes and HTML mockups for multiple branded and unbranded websites and personalized applications. Worked closely with brand and marketing teams across organizations.
- **Website Design**, created accent graphics, banner ads, icons, animations and logos using Photoshop and Illustrator. Including building HTML, PHP, CSS, AJAX, and JavaScript to implement graphic design.
- **Client Interface**, collaborated on client engagement strategy to drive entry into risk-driven project methodology, improving accuracy of project definition, sizing estimates, and yearly resource budget planning.
- **System Integration**, established compatibility with third party software products by developing program for modification and integration, decreasing costs by 72%.
- **System Design**, conceptualized and designed SecureLive Suite of Applications and <http://www.securelive.com> that resulted in over 3,000 customers.
- **Software Readiness**, All Adobe and Microsoft Software, including but not limited to Photoshop, After Effects, Excel, Word, Power Point, Sound Booth, Word Perfect, Calc, and many, many more. Server 2003, 2008 certified, DOS 3.1 – Windows 8 and Windows 2.1 – 3.11. Server Home Media, Server Data Center, and Linux, CentOS, Red Hat, Ubuntu, Fedora and Mandriva. Terminal proficient as well as GUI.
- **Programming skills**, PHP, JS, AJAX, HTML, CSS, SQL – All versions including HTML 5 and CSS 3. PHP 3.x – 7.x. Ajax – MooTools, jQuery, ProtoType.
- **Minister**, Universal Life Church Reverend in 2009.