B R A D L E Y   K.   S I M O N I N

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OBJECTIVE

A position in Information Technology as a Red Hat Enterprise Linux System Engineer/Linux System Administrator.

TECHNICAL SKILLS PROFILE

Certifications:

Red Hat Certified System Administrator (RHCSA) for Red Hat Enterprise Linux 6. Currently studying for certification as a Red Hat Certified Engineer (RHCE) and Red Hat Certified Virtualization Administrator (RHCVA). Target date for RHCE exam Fall 2011. To verify certifications go to the following website:
https://www.redhat.com/wapps/training/certification/verify.html?certNumber=100-192-962

Future Career Goals:

Future Red Hat Certification career goals include becoming a Red Hat Certified Datacenter Specialist.

Operating Systems:

Linux (Red Hat Enterprise Linux 6.0/5.5; including Virtualization through KVM, Scientific Linux 6.0, CentOS Enterprise Linux 5.5, Fedora Project 14, SUSE Linux Enterprise 11, openSUSE 11, Slackware), UNIX/Solaris 10, Windows 7/Vista/2008 Server, IBM z/VM, IBM MVS/TSO, and IBM VSE.

Computer Languages:

Linux/UNIX related: Python, MySQL-python (MySQLdb), Python/PyGTK/GTK+/Glade3, PHP/MySQL, Object Rexx for Linux, and Bash Shell Scripting.
Other platforms: SQL, SQL/DDL, SQL/DML, Java, JDBC/SQL, JSTL, HTML/CSS, XML, Object-Oriented JavaScript, JavaScript/HTML/DOM manipulation, JavaScript Object Notation, Rexx, Rexx/SQL, RXSQL, MS-Transact-SQL, and ODBC/SQL.

Database Management Systems:

DB2 Server for z/VM, MySQL for Linux, DB2/UDB for Linux, MS-SQL Server 2003, and IBM SQL/DS.

Security Clearance:

Inactive DOD Secret clearance: clearance can be reactivated at any time.

Education:

January 1990 - Bachelors of Business Administration, New Mexico State University; Las Cruces, New Mexico.   Major: **Business Computer Systems (MIS)**.

PROFESSIONAL EXPERIENCE

Computer Software Engineer/Senior Systems Analyst, Software - August 1991 to Present
Physical Science Laboratory at New Mexico State University, Las Cruces, New Mexico.

- Provided Linux system administration for various projects during my tenure. Installed and maintained binary packages using YUM and RPM, created local/private YUM repositories, Built RPM binary packages from application source code, managed lvm and lvm/luks/cryptsetup/crypttab, used tools such as cron, Kickstart, TCP wrappers, set up collaborative directories (sgid/sticky/setfacl), kvm/virtualization/virsh, nfs/autofs, managed iptables, selinux booleans and contexts, chkconfig/created chkconfig aware scripts, and other tasks. Wrote Python, PHP, Rexx, and Bash shell scripts. Administered Apache Web Server (included ssl/https, selinux contexts and ports, protected password directories, home web directory access, virtual hosts, etc), and administered BEA Weblogic and Red Hat JBoss.

- Developed stand-a-lone applications using Python, PyGTK, GTK+, Glade3, MySQL-python, and PyDev for the Eclipse IDE. Developed PHP/MySQL web based application which were developed and deployed on Linux servers utilizing the Apache Web Server.

- Currently Developing web based applications utilizing the Java and JavaScript programming languages with Red Hat JBoss, BEA Weblogic, and Apache Tomcat application servers. This encompassed Java Servlet application development, Apache Struts Java application development, user-defined Java objects/JavaBeans/POJO development, JavaServer Pages, Dojo AJAX JavaScript toolkit with AJAX/JSON/JavaScript and server side Java integration, and used OpenLayers JavaScript mapping library. Utilized the Eclipse IDE for application development and Perforce for software configuration/version management.

- Worked with the Apache Struts framework for Java based web development. This included Apache Struts applications running on Linux accessing Microsoft SQL Server using Microsoft's JDBC driver for Unix and Apache Struts systems on Linux accessing Microsoft Active Directory/Exchange using Java/JNDI/LDAPS for directory modification, directory interrogation, and user Single Sign-On.

- Learned and worked with Linux on Intel as a pilot project to empower and revolutionize IBM mainframes with Linux/VM, Linux/390, and Linux on System z. Installed DB2 Universal Database Enterprise Edition 6.1 for Linux and Websphere Application Server on Red Hat Linux for Java Servlet applications. Installed various packages using RPM's and by compiling and installing from source. Wrote Object Rexx programs for Linux and Bash shell scripts.

- Provided business systems analysis, database design, and database application development using DB2/VM, SQL, SQL/DDL, SQL/DML, and the Rexx programming language in an IBM System/390 environment for day to day business operations. Implemented data warehouse and data mining strategies utilizing DB2/VM. Performed database administration duties on IBM's relational database management system, DB2/VM. This included unloads, reloads, data-unloads, data-loads, table design, table creation, table manipulation, table space management, etc.

Programmer/Analyst - January 1990 to August 1991
Phillips Petroleum Company, Bartlesville, Oklahoma.

- Designed and developed applications using Rexx, SAS, FOCUS, and XEDIT macros in the IBM VM/CMS environment. Also used SAS and Rexx in the IBM MVS/TSO environment.

- Applications included office supply requisitions system, pregnancy toxicology tracking system, employee travel request/reporting system, and medical/safety systems.

- Extensive training in MVS/TSO and VM/CMS applications and operations.

- Assisted end-users and programmers on applications and operating systems.

REFERENCES
Available upon request.