

August Schwer

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September 2004 to Present: UNIX Senior System Administrator – Sonic.net, Santa Rosa, CA.-

Maintains a large scale heterogeneous environment of Linux, FreeBSD and OpenBSD systems. Troubleshoots various systems, including OS, hardware and network related issues. Provides proven programming experience (Perl, PHP, C/C++). Trains newly hired Jr. System Administrators. Leads project and team meetings.

- Leading project to implement PHP Web DNS domain editor for customer use.
- Lead project to migrate BIND DNS implementation to PowerDNS with MySQL replication.
- Successfully recruited, interviewed and hired Jr. System Administrator candidates.
- Successfully migrated data and configurations from NetApp F740s to new NetApp 3020cs.
- Joined the Mon (<http://mon.sf.net>) development team.
- Created Perl based Servers to interact with internal client tools via TCP/IP network.
- Implemented PostgreSQL Database Management System for customer use.
- Maintains Webmail software (SquirrelMail) and implemented an alternative solution (NutsMail).
- Implemented Subversion the Code Version Control System for internal use.
- Maintains RPM builds for internal Package Management.
- Maintains Mailman; email list software and server.
- Lead project to achieve PCI and ScanAlert “Hacker Safe” compliance.
- Implemented mod_security with Apache to block malicious requests on customer web servers.
- Migrated internal MySQL databases on customer DBMS server onto internal server and updated dependent code.
- Implemented Ruby on Rails development framework for customer web servers.
- Maintains Leased Linux Server hardware inventory database and deployment code.
- Built and maintains public software mirror using rsync and custom scripts to keep in sync.
- Created instructional document for customers to perform an in-place upgrade of their Leased Linux Servers.
- Deployed new monitoring software (Mon) to provide reliable network and systems monitoring.

July 2001 to September 2004: Student Intern – Sonoma County Water Agency, Santa Rosa, CA.-

Develop web based applications to help automate tasks, and facilitate communication between the end user and tech support. Performs desktop and server support; installing, updating, and testing mission critical software. Collaborate with other programmers and IT staff to recognize and solve problems.

- Created web page front ends (HTML, PHP) to open source database back ends (PostgreSQL, MySQL).
- Maintained and developed report generation/automation, and data migration tools using RPG and Perl.
- Administered and configured the Apache web server.
- Administered both the MySQL and PostgreSQL DBMSs.
- Directed tutorial sessions on new programming developments to Senior Programmers and IT staff.

BS Computer Science 2004 Sonoma State University.

Vice President North Bay Linux Users' Group 2004 to 2006.