

Eric Eisenhart

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NOTE

Please contact me for an updated and complete résumé. Last updated: Date: 2009-06-21 19:33:29 .

OBJECTIVE

Designing simple solutions to complex problems.

SKILLS

Strong: *Linux* (15 years; since 1992), Red Hat (since 1995), CVS (1996; usage and administration), *Perl* (since 1995; very fluent), RPM (including creating them since 1996), Bourne Shell.

Moderate, or out of practice: Solaris, Windows, SQL, MySQL (since 1996), web application programming, C, HTML (4 and XHTML), CGI, CSS, subversion (SVN; usage), SMTP, IMAP, mailman, Oracle, Web accessibility (Section 508, etc.)

Some experience: *mod_perl*, *Ruby*, C++, PL/SQL, JavaScript, TCL, PHP.

EXPERIENCE

Lead Unix/Linux System Administrator

Sonoma State University

Oct. 2003 – Present

Rohnert Park, CA

- Primary person in charge of 40–100 (they multiplied) Unix/*Linux* systems running (at some point) Red Hat 7.2–7.3, Red Hat Enterprise Linux 2.1–5 and Solaris 7–10. Currently About 100 RHEL 3–5 and 2 Solaris 10 systems.
- Helped transition co-worker from Mac OSX administration to RHEL administration. Training, mentoring, etc.
- Deployed **Puppet** automated system administration tool in order to improve efficiency administering servers, especially deployment of clusters. Trained co-workers and gave a presentation on Puppet to co-workers and sysadmins at other CSUs. Gradually migrated away from less manageable techniques. Learned enough *Ruby* to write some data-collection plugins for Puppet and write a couple patches. Learned techniques for writing customer Puppet types.
- Set up kickstart system customized scripts to create automatic standardized installations, including automatically detecting special cases such as virtualized systems and handling those differently.
- Set up CVS for system configuration, code, in-house RPM development, DNS and other data.
- Migrated from a collection of different, manually-configured, one-off systems to standardized deployments.
- Other services administered or supported include: MySQL, Tomcat, exim SMTP, Courier IMAP, *Apache* httpd, Oracle DB, WebCT CE 6, SpamAssassin, Squirrelmail, kickstart, PXE, dhcp, syslog, BIND DNS, and Red Hat Network Proxy.

Internet Services Specialist

Santa Rosa Junior College

Jan. 2002 – Sep. 2003

Santa Rosa, CA

- Administered Red Hat 6/7 *Linux*, Sendmail SMTP, SpamAssassin, *Apache* HTTP, BIND 8/9 DNS, MySQL, IMAP, POP, etc. Deployed CVS. Deployed Amanda for centralized Linux backups.

- Editor and primary author of SRJC Technical Web Guidelines. Worked with interested parties throughout the campus community on many of the details.

Senior Programmer

Dec. 1999 – Feb. 2001

Envisix Corporation

Santa Rosa, CA

- Maintained pre-existing *Perl* code and interacted directly with the client (The IT department at a major financial services company) in order to make minor and major changes to a complex website monitoring system.
- Rewrote much of the photo uploading portion of the Datingfaces site, in order to improve usability.
- Chief designer and implementor for a system for creating and shipping customized cards: SQL database; *Perl* code to drive everything; (CGI and command-line); Object Oriented *Perl* to interface with others' code; PostScript to print; physical assembly line design; barcode tracking.
- Worked on a variety of projects, including Oracle SQL and *Perl* performance analysis and tuning; in-house *Perl* and SQL coaching; Testing and debugging.

Contract Programmer

Feb. 1999 – Dec. 1999

Keyplus

Kenwood, CA

Wrote *Perl* and SQL code for producing dynamic web pages from database content while working in a two-person team. Managed CVS repository. Set up MySQL and Oracle databases.

Programmer/Systems Administrator

Nov. 1997 – Jan. 1999

Sonic.net, Inc.

Santa Rosa, CA

Wrote and maintained a variety of programs, primarily in *Perl* and SQL, also in C, Bourne shell, TCL and other languages, including many CGI applications. Set up *Apache* with *mod_perl*; debugged *mod_perl*; programmed for *mod_perl*. CVS: setup repository; trained co-workers; assisted in transition; managed repository.

Programmer/Systems Administrator

Aug. 1995 – Oct. 1997

Sonoma.Net

Rohnert Park, CA

I was the primary system administrator for this small web company; including supervision of other members of the technical staff. Operating systems: *Linux*, NT4, Solaris and MacOS. Applications: *apache httpd*, *Sendmail*, *bind DNS*, *MySQL*, *Sybase* and others.

Student Technician (Part-Time)

Apr. 1995 – Aug. 1995

Santa Rosa Junior College

Santa Rosa, CA

Assisted with *Linux* and HP/UX system administration. Modified C, *Perl*, TCL and Bourne shell programs.

Computer Technician

Sep. 1993 – Aug. 1995

Law Offices of Fluss & Skelton

Santa Rosa, CA

Programmed for dBase IV database. Administered NetWare network and DOS workstations.

EDUCATION

Associate of Science

Part-time 1992–1996; completed 2002

Santa Rosa Junior College

Santa Rosa, CA

Computer Science concentration; no majors available.