

Linda J Laubenheimer

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SUMMARY

Specialist in Linux systems with multi-colo operations experience. Desire a position solving problems, learning and implementing new technologies, sharing knowledge, and working closely with a dynamic team. Curious and happy to learn, offer a broad variety of experience and talents, including the ability to develop new skills rapidly.

- *Operating Systems:* Linux (RedHat Enterprise, Debian), UNIX (Solaris), BSD
- *Languages:* Perl, Shell scripts (sh, bash, csh), HTML, CSS
- *Unix/Linux Tools:* Git, SVN, Perforce, CVS, Nagios/Icinga, RPM, Kickstart, OpenLDAP, BIND, Chef, SaltStack, puppet, Postfix, Rsyslog, SIPxchange, MySQL, VMWare
- *Client Software:* Open Office, Emacs, Nano, MS Office, Google Docs
- *Other:* Kanban using Trello, Scrum with Rally

EXPERIENCE

Software Engineer, Gap, Pleasanton, CA, contract (Intelliswift), January 2015 - Present

Monitoring. Set up monitoring in Nagios via Chef (roles, nodes, data bags) in JSON. Write custom monitoring plugins as needed.

Software Engineer, Intuit, Menlo Park, CA, contract (Cydio), January 2014 - December 2014

Monitoring! Upgrade and clean up monitoring and alerting with Nagios, upgrade to Icinga & PNP4Nagios, Cacti, etc. Write plugins in Bash or Perl. Configure production systems with SaltStack and/or puppet.

Service Engineer, Yahoo! Sunnyvale, CA, August 2011 - December 2013

Operations duties, including routine and emergency deployments, troubleshoot site up issues. Participate in on-call rotation, develop shell and perl scripts for operational tests, deployments and fixes. Document deployment processes, write oncall runbooks, train other SEs, create knowledge base entries. Act as a operations subject matter expert on a couple different application stacks.

Senior Systems Administrator, Aggregate Knowledge, San Mateo, CA, January 2011 - June 2011

Configured packages, wrote monitoring scripts, build in-house RPMs, took

part in 24/7 on-call rotation, and wrote or revised in-house documentation.

Service Engineer, Yahoo! Sunnyvale, CA, contract (ITC), October 2010 - January 2011

Linux/BSD support and maintenance.

Systems Engineer, A9.com, Palo Alto, CA, December 2004 - April 2009

Monitored, maintained or upgraded internal Linux infrastructure and user tools as well as taking part in the 24/7 on-call rotation.

- Successfully implemented PingTel SIPXchange VoIP phone system for Linux.
- Evaluated hardware needs, costs, and purchase history.
- Improved monitoring with Nagios and custom plugins.
- Set up and refine kickstarts for new RedHat releases.
- Acted as a technical resource for developers on hardware and Linux OS issues.
- Developed and documented disaster recovery plan.
- Mentored and trained junior systems administrators.

Linux Systems Developer, Wyse, San Jose, CA, contract (EWork), May 2004 - October 2004

Part of a team developing an embedded Linux solution for thin clients.

- Adapted various open source packages to the trimmed down environment of an embedded distribution.
- Wrote various scripts to act as glue to the embedded gui.
- Wrote design and testing documentation for the implementations of Linux packages.

Linux Systems Developer, Nuasis, San Jose, CA, contract (Transquest/Enherent), February 2003 - March 2004

Analysis, design, maintenance and administration of over 100 enterprise Linux servers, including 24x7 on-call.

- Migrated servers from RedHat 7.1 to ES3, including custom kickstart CDs and templatized diskettes.
- Developed utilities in perl, including templates and configurations for Nagios, MRTG, and basic system configurations. Wrote custom plugins for Nagios.
- Packaged utilities and numerous CPAN modules into rpms, including writing or modifying spec files.
- Extensive troubleshooting of system and software upgrade issues for a tightly integrated product.

Consultant, Bay Area, CA, June 2001 - Present

Various minor contracts, including PC system troubleshooting, software installation, Debian Linux installation and administration, aiding in setting up DNS and other web configurations. Periodic posting at

<http://blog.laubenheimer.net/>

Unix System Administrator, Nominum, Inc, Redwood City, CA, January 2001 - June 2001

Administered approximately 25 systems, mixed Solaris and NetBSD, for Nominum's GNS service, including monitoring (with Netsaint). Performed configuration and upgrades. On call as needed.

- Set up Netsaint (now Nagios) to use escalation and email paging triggers.
- Compiled and installed software, wrote shell and Perl scripts for automation and troubleshooting.
- Documented processes and installations.

Unix Systems Developer, Global Crossing, Sunnyvale, CA, August 2000 - December 2000

Installed UNIX and Linux operating systems and customized environments on both Sun and Intel based hardware. Compiled, configured, and installed software. Handled job control, user addition, and other system administration tasks. On call duty as needed.

Release Engineer, Uniteq, contract (MindSource Software), Redwood City, CA, February 2000 - July 2000

Developed, updated and maintained various Perl scripts, shell scripts and CVS implementations for a build and release environment. Acted as secondary sysadmin and network admin.

- Diagnosed developer issues with CVS and the build system.
- Replicated the build environment on a second server for shipment overseas, including configuration and software installation.
- Documented build environment in HTML on intranet.

ADDITIONAL ACCOMPLISHMENTS AND INTERESTS

Community service as a recreation:

- Chairman of SiliCon 2008 presented October 2008, for non-profit Siliconventions, Ltd.
- Worked staff positions for various Science Fiction conventions for the past 5 years or more.

A habit of lifelong learning:

- Built first web site in 1996 on GeoCities, now moved to <http://www.laubenheimer.net/> and expanded. Learned to hand code HTML subsequently.
- Learned Perl in early 1998 to make sites interactive.
- In 1999 learned Tcl and CSS, and in 2000 picked up CVS.
- In 2001 explored NetBSD, and upgraded Solaris skills to Solaris 8.
- 2002 brought the addition of Oracle SQL skills and Debian Linux kernel tweaking and compilation.
- 2003 delved into rpm development and kickstart development.
- 2004 explored the embedded space, and printer oddities.

- 2005 - 2008 brought more in-depth DNS, DHCP, and LDAP as well as Twiki, Bugzilla and Nagios.
- For 2009, I took a course in VMWare.
- In 2010, started a small side business making hand crafts
- 2011 saw the update of RPM build skills and exploration of rsyslog
- 2012 and 2013 were spent learning several of Yahoo's proprietary technologies
- 2014 I learned config management with SaltStack, and working with AWS instances
- I intend to learn Chef in 2015

Classes: Unix Administration, Oracle 9i SQL, Oracle 9i DBA Fundamentals, VMWare ESX Server

Immigration Status: US Citizen, sponsorship or visa not required for US positions.