CHRISTER EDWARDS

SYSTEM ENGINEER / INSTRUCTOR

christer.edwards@gmail.com
(801) 200-4483

Goal

Implement trusted technologies to fulfill unique business needs.

Skills

Engineering

Detailed understanding of Linux and BSD Operating Systems, network services and security. Includes Red Hat, Debian, FreeBSD (and variants).

Instruction

Develop and deliver professional training material and documentation for Linux, PHP and MySQL.

Project Management

Ability to lead and manage technical and non-technical projects in team and independent situations.

Technical

Linux	HAProxy	Apache
FreeBSD	SQL	nginx
Salt	BIND	Puppet

Experience

Beyond Oblivion   2011-2012
Cloud Infrastructure Engineer

Work on Cloud Infrastructure team for Beyond Oblivion streaming music service.
Designed HA infrastructure with load balancing and SSL termination solutions.
Work closely with QA to validate and improve service performance.
Maintain 600TB distributed filesystem using MooseFS.
Migrated remote execution and state management solution from Puppet to Salt Stack.

University of Utah   2010-2012
Instructor - Technology Education / School of Computing

Teach Enterprise Linux Network Services, Security and Troubleshooting.
Teach fundamentals of web-programming with PHP Level 1 and Level 2.
Teach fundamentals of database use and design with MySQL, Level 1 and Level 2.
Teach fundamentals of database driven websites combined technologies crash-course.
Authored or contributed to all class course material.

The GNOME Foundation   2010-2011
System Administrator

Maintain infrastructure for GNOME Desktop Environment and related projects.
Act as point of contact between Sysadmin team and development projects.
Manage project timelines, goals and requirements with volunteers Sysadmins.

Write and maintain puppet modules for configuration management.
Additional responsibilities include accounts management, mailing lists, web, email, DNS, etc.

Partnet, Inc.   2008-2011
System Administrator

Deploy, secure, and maintain Red Hat, CentOS and FreeBSD servers in support of the Department of Defense EMALL application.
Design and maintain internal infrastructure supporting application development.
Research new technologies to improve internal efficiency and standardization.
Maintain IT Level-1 Department of Defense Clearance (top-secret).

Guru Labs   2007-2008
Linux Instructor

Teach Linux Fundamentals, Administration, Network Services and Security.
Write and test course content including lecture, technology demonstrations and hands-on labs.
Deliver certification exams for Red Hat Certified Technicians (RHCT)
Deliver certification exams for Red Hat Certified Engineers (RHCE).

Community Contributions

GNOME Foundation — Volunteer Sysadmin Team
2010 — current
Ubuntu Utah Community Team Founder / Team Lead
2005 — 2011
Ubuntu US Community Teams Mentor
2006 — 2008
Ubuntu Developer Summit — 2007
Canonical Sponsored Community Representative

Presentations

SCALE (Southern California Linux Expo) — 2012
Salt: Remote Execution and Configuration Management
SCALE (Southern California Linux Expo) — 2011
OS Level Virtualization : FreeBSD Jails
Utah Open Source Conference — 2010
OS Level Virtualization : FreeBSD Jails
Utah Open Source Conference — 2009
10 Required Sysadmin Tools
Unleashing GNOME Config: Scripted UI Customization
O'Reilly's OSCON — 2008
Ubuntu LTS : Using Ubuntu in the Enterprise
Utah Open Source Conference — 2008
Ubuntu LTS : Using Ubuntu in the Enterprise
Ubuntu Live / OSCON — 2007
The Ubuntu Community
Utah Open Source Conference — 2007
The Ubuntu Community

Publications

Packt Publishing - Commissioned Articles

Ubuntu Server and Wordpress in 15min Flat
Securing Network Services with FreeBSD Jails
Security Encrypt Removable Media with Ubuntu
Network Based Ubuntu Installations
What's New In Ubuntu 9.10 "Karmic Koala"
Ubuntu 9.10: How To Upgrade
Create a Local Ubuntu Repository using Apt-Mirror and Apt-Cacher
Five Years of Ubuntu
Ubuntu User Interface Tweaks
Install GNOME-Shell on Ubuntu 9.10 "Karmic Koala"
Folding @ Home on Ubuntu: Cancer Research Made Easy

Certifications

Red Hat SELinux Policy Administration
100-007-418
Red Hat Certified Engineer
805007509125599
Red Hat Certified Technician
605007966612538

Recommendations

Technology Instructor - University of Utah

Christer is an excellent instructor. He not only works well with the staff when preparing for his classes, but he thinks beyond the obvious to bring novel and highly effective solutions to any problems that arise. He is also flexible, willing to work with his students to be sure they have the best experience in the class possible.
- Jeremy Robb, Technology Instructor, University of Utah

Systems Engineer - Partnet, Inc.

I've had the opportunity to work with Christer twice. Once when we were both working at Guru Labs and then again when the project I was assigned at NexOne included working with Partnet. I have been very impressed with his talents and the work he does. I found him to be an honest, no-nonsense, straight forward, get the job done sort of person which is I consider a positive quality to have in an IT environment. Christer also has takes a great interest in his field (Linux, System Administration, etc.) outside of work, and he actively participates in local and worldwide communities..
- Jacob Albretsen, Senior Linux Systems Engineer, NexOne

Linux Instructor - Guru Labs

Christer is a dedicated, hard-working and loyal colleague. I value his opinion when I ask. He provides timely and useful answers with research and results to back up his claims. Christer provides a very good vibe around the office and with our other colleagues. He's always positive and interested in helping those around him succeed, no matter what the subject. He dedicates much of his personal time to making sure those who are interested have the knowledge he knows he can provide. Christer is an excellent instructor in my experience.
- Clint Savage, Instructor / Guru, Guru Labs, L.C.