

CHRISTER EDWARDS

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ARCHITECT | INSTRUCTOR | AUTHOR

Goal Implement trusted technologies to fulfill unique business needs.

<i>Skills</i>	Engineering	Instruction	Project Management
	Detailed understanding of Linux and BSD Operating Systems, network services and security. Includes Red Hat, Debian, FreeBSD (and variants).	Develop and deliver professional training material and documentation for Linux, PHP and MySQL.	Ability to lead and manage technical and non-technical projects in team and independent situations.

<i>Technical</i>	Linux FreeBSD SaltStack SMTP	HAProxy git BIND DHCP	Apache nginx HubbleStack NTP
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Experience Adobe Systems 2014-current
Computer Scientist / Automation Architect - Adobe Compute Platform Services
Adobe "Salt Master"
Created [HubbleStack: Open Source Security Metrics](#).

Adobe Systems 2012-2014
System Administrator - Adobe Analytics
Maintain servers across a dozen datacenters globally.
Maintain custom-built kernel tuned for performance and stability.
Support SMTP, DHCP, NTP, and internal-CDN services.
Support worldwide IP Anycast DNS solutions.

Beyond Oblivion

Cloud Infrastructure Engineer

2011-2012

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

Instructor - Technology Education / School of Computing

2010-2013

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.
Teach fundamentals of jQuery, Level 1.
Authored or contributed to all class course material.

The GNOME Foundation

System Administrator

2010-2011

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.

System Administrator

2008-2011

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

Linux Instructor

2007-2008

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

[HubbleStack](#) Creator

2015 – current

[FreeBSD port maintainer](#)

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

OpenWest 2017

Linux Security & Compliance Auditing with HubbleStack

SCALE (Southern California Linux Expo) – 2017

Linux Security & Compliance Auditing with HubbleStack

SCALE (Southern California Linux Expo) – 2016

Ops tools for hardening your infrastructure

SaltConf – 2014

SaltStack for LAMP stack deployment lab

SCALE (Southern California Linux Expo) – 2013

Automated Cloud Provisioning with Salt Cloud

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

Books

[Instant Ubuntu](#)

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

SaltStack Certified Engineer

SSC ID: 0x4169B221 (ssc.saltstack.com)

Red Hat SELinux Policy Administration

[100-007-418](#)

Red Hat Certified Engineer

[805007509125599](#)

Red Hat Certified Technician

[605007966612538](https://www.redhat.com/en/credentials/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.