



CHRISTER EDWARDS

ARCHITECT | INSTRUCTOR | AUTHOR

Goal Design innovative solutions to fulfill unique business needs.

<i>Skills</i>	Architect	Instructor	Author
	Detailed understanding of Linux/UNIX operating systems, internet services, automation and security best-practices.	Proven ability to communicate complex new ideas in easy to understand and applicable ways.	Experience with publishing documentation, creating training material, writing instructional blogs and technical books.

<i>Technical</i>	Linux FreeBSD SaltStack HubbleStack	nginx git Python Jenkins	CDN Apache SMTP NTP
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<i>Experience</i>	Adobe Systems Computer Scientist, Software Developer - Adobe DX (TechOps) Adobe "Salt Master" Architect of Hubble: Open-Source Security Monitoring . Maintainer of low-latency, global NTP service supporting 100k+ devices. Maintainer of internal global CDN for artifact and source code distribution. Adobe Technology Advisory Group (TAG) volunteer and contributor. Adobe TechOps "TechTalk" vetran presenter.	2014-current
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	Adobe Systems SRE, Adobe Analytics - Adobe DX (TechOps) Maintain thousands of servers across dozens of global datacenters. Maintain custom-built Linux kernel tuned for performance and stability. Support Adobe Analytics product focusing on low-latency and availability.	2012-2014
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	Beyond Oblivion Cloud Infrastructure Engineer Work on Cloud Infrastructure team for Beyond Oblivion streaming music service. Design HA infrastructure with load balancing and SSL termination solutions. Work closely with QA to validate and improve service performance.	2011-2012
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Maintain 600TB distributed filesystem.
Migrate remote execution and state management solution from Puppet to SaltStack.

University of Utah 2010-2013
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.
Teach fundamentals of jQuery, Level 1.
(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 System Administrators (RHCSA)
Deliver certification exams for Red Hat Certified Engineers (RHCE).

*Community
Contributions*

Architect of [Hubble: Open-Source Security Monitoring](#).
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

SCaLE (So-Cal Linux Expo) — 2018
Security & Compliance Monitoring w/ HubbleStack
SaltConf17 — 2017
Linux Security & Compliance Auditing with HubbleStack
SAINTCON — 2017
Linux Security & Compliance Auditing with HubbleStack
OpenWest 2017
Linux Security & Compliance Auditing with HubbleStack
SCaLE (So-Cal Linux Expo) — 2017
Linux Security & Compliance Auditing with HubbleStack
SCaLE (So-Cal Linux Expo) — 2016
Ops tools for hardening your infrastructure
SaltConf16 — 2016
SaltStack for Ops Security, Compliance and Infrastructure Hardening
Integrating a CMDB with SaltStack for More Dynamic System Control
SaltConf14 — 2014
SaltStack for LAMP stack deployment lab
SCaLE (So-Cal Linux Expo) — 2013
Automated Cloud Provisioning with Salt Cloud
SCaLE (So-Cal Linux Expo) — 2012
Salt: Remote Execution and Configuration Management
SCaLE (So-Cal 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 (RHEL5, RHEL6)

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Red Hat Certified Technician (RHEL5, RHEL6)

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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.