Jonathan Proulx

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KEY QUALIFICATIONS

Extensive experience selecting, implementing, and evolving next generation technologies responsive to the needs of world class researchers including moving workloads and workflows from what was the cutting edge to what is with a minimum of cuts.

Proven ability to build teams and organizations from the ground up, both in research lab and global distributed open-source software environments. Strong track record of recruiting, organizing and managing high performing technical teams with emphasis on efficient engineering and excellent end-user experience.

Passionate communication of technical requirements and choices to both technical and nontechnical audiences at all levels.

Experience

MIT Computer Science & Artificial Intelligence Lab
www.csail.mit.edu

Sr. Technical Architect	2012 – Present
Sr. Systems Administrator	2004 – 2012
Systems Administrator	2000 – 2004

- Broad responsibility for technical direction and evolution of compute and network infrastructure in one of the world's premier computer science labs.

- Manage systems and networking team, assist/mentor help-desk staff with server projects in conjunction with their supervisor.

- Design, implement and maintain custom Debian GNU/Linux, Ubuntu Linux and FreeBSD server and workstation environment including OpenStack IaaS cloud and Ceph storage cloud and various HTC and HPC systems using automated deployment and configuration tools (Puppet,Terraform, Ansible, etc.)

OpenStack Foundation
www.openstack.org/foundation

User Committee Member	2014 - 2017

Appointed to represent end user needs to Board of Directors and Technical Committee. Worked on design and analysis of semiannual user survey. Planning and facilitation of semiannual international operators meetups. Formalization of User Committee mission statement and change in Foundation bylaws to evolve the User Committee from an appointed committee to an elected body under the Board of Directors co-equal with Technical Committee.

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Experience (continued)

Heartland Robotics (later named Rethink Robotics)
rethinkrobotics.com

Contractor   Sept 2008 - Nov 2008

Designed and implemented a network and computing infrastructure for technology startup, including a moderately complex internal wired and wireless network services VoIP, DNS, DHCP, Cisco VPN, private and guest wirelsess both using wpa2 authentication. Computing services included LDAP, Kerberos, RADIUS, XMPP, FlexLM, NFS, SVN, MySQL, an internal LAMP server, logserver, NAGIOS monitoring, and NTP.

Imara Project
imara.csail.mit.edu

Contributor   2005 - 2007

Designed and implemented a network and computing infrastructure for technology startup, including a moderately complex internal wired and wireless network services VoIP, DNS, DHCP, Cisco VPN, private and guest wirelsess both using wpa2 authentication. Computing services included LDAP, Kerberos, RADIUS, XMPP, FlexLM, NFS, SVN, MySQL, an internal LAMP server, logserver, NAGIOS monitoring, and NTP.

Publications

OpenStack Operations Guide, O'Reilly Media, 2014

References

Redacted from web published version.