

Jeff R. Allen

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Insatiable curiosity for hire

Guided by my insatiable curiosity, I learn whatever I need to know, when I need it, so that I can make my colleagues and my project successful. I've worked in large-scale enterprise system administration, software as a service (cloud computing before the storm gathered), humanitarian aid, and embedded Linux. The common thread of my career has been to focus on results, and learn, teach, and invent everything necessary to get my team to the finish line.

Skills

Teaching	Java	HTML
Team Leadership	Cloud Computing	System Administration
Linux	Program Management	C
Go	Qt	Research
Security	Data Center	Unix
Networking	Integration	SaaS
Perl	Software Development	Agile Methodologies
Software Engineering	TCP/IP	

Experience

Cisco

12 / 2013 - 08 / 2015

Development Engineer

Research creative ways to apply multicore hardware to an OS engineered for single cores. Port Linux to a Cisco router (PPC). Sustaining engineering, culture evolution, putting in place Agile development in the context of developing Cisco's IOS and NX-OS (IP SLA component).

Cisco

11 / 2009 - 12 / 2013

Integration Engineer

Port network control and management middleware to Windows and various flavors of Embedded Linux. Analyze requirements of customers and propose how to integrate our software into their products. Coordinate response to customer found defects.

Blue Chip Tek

01 / 2005 - 12 / 2008

Consultant

Identified requirements from customers, then proposed focused software development projects that moved their business forward, while minimizing risk from schedule and cost.

Médecins Sans Frontières (MSF)

06 / 2006 - 08 / 2008

Field Logistician/Admin

Liberia (log/admin, basic healthcare), Chad (evacuated... whoops!), Congo (log/admin; meningitis emergency), Ethiopia (log; food security)

Tellme Networks

09 / 2001 - 11 / 2004

Senior System Administrator

Designed tools for task automation. Managed logistics of a data center move with a requirement for zero downtime. Mentored junior system administrators and honed the culture of the team.

Tellme Networks

11 / 2000 - 08 / 2001

International Operations Liaison

Mastered the operations of an immature system in order to successfully export the system to a subsidiary in Belgium. Work took place in Mountain View, California, in Tournai, Belgium, and in Brussels, Belgium.

Microsoft

08 / 1999 - 10 / 2000

System Operations Analyst

Did self-directed research into ways to improve cost or performance of the existing system. Implemented proposed changes via engineering, communication, or sometimes covert action.

Microsoft

01 / 1997 - 08 / 1999

Network Operations Toolsmith

Identified, designed, and built tools for the WebTV Network Operations Center.

Education

Harvey Mudd College

09 / 1991 - 12 / 1996

BS , Computer Science

Unicycling

Languages

English

French
