

Richard Mark Cohen

Software and systems engineer

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Executive summary

Former Solaris engineer at Sun Microsystems
8 years Solaris and Linux experience
Open source development
Linux community enthusiast
Web applications
Problem solving
Scripting expert
IT management and team leadership

Key skills

Solaris - Linux - Apache
TCP/IP networking - C - Python - Shell scripting
HTML - CSS - Javascript - AJAX

My background

I'm a software engineer with a strong Unix background; I spent five years working at Sun Microsystems as a member of the Solaris engineering group, notably helping to develop Project Janus, in-kernel Linux emulation for Solaris. My primary focus is Unix, web and systems programming.

Employment history

2007-2007 System Integrator, Getronics (HK) Ltd.

Senior Consultant, Hyro China

Worked with a number of teams within the company providing expertise on Linux, Apache and other Open Source technologies. Projects covered retail, media and financial clients, and involved direct on-site interaction with customers at a technical and business level, as well as internal consultancy.

Lead a process of planning, implementation and migration of company network infrastructure leading up to and following a significant restructure and change of parent company. Temporarily took IT support role after the restructure, and was responsible for hand-over and on-the-job training when a permanent support person was hired.

2005-2006 Lead systems engineer, Metex (Hong Kong) Ltd.

In charge of a major project to deploy new web-based IT systems for both internal and external business applications.

Working with both existing systems and staff, integrated new systems into company database and backup infrastructure.

Trained staff and customer contacts in use of new tools.

Part of management team implementing new DataColor spectrophotometer equipment and software for material colour testing.

2000-2005 Systems developer, Sun Microsystems Corporation

Software engineer in Solaris engineering group

Solaris Companion CD team, building, testing and packaging Open Source software for Solaris.

Worked on testing for lxr, userspace Linux emulation for Solaris.

Worked for 2 years on Project Janus, in-kernel Linux emulation for Solaris. Was involved in specifying the project, investigating existing and competing projects elsewhere, and implementing both in-kernel and userspace parts of the project.

Attended LinuxWorld Conference 4 times, 3 as exhibitor, twice for Solaris Companion CD, once for Project Janus. For Janus, prepared formal short presentation for public, assisted with preparation of press materials, and attended press launch, including giving demonstrations to journalists.

1998-2000 Systems developer, Santa Cruz Operation

Software engineer in Unixware development group, installation and package management team

Ongoing work involved maintenance of Unixware installation system

Specific projects: Adding support for installing Unixware from bootable (El Torito) CD-ROM, responsibility for porting, debugging, testing and documenting advanced package management technology licensed from another company

Qualifications

Bsc. (Hons.) Computer Science (II.1) University of Liverpool

Soft skills

I love problem solving and teamworking; I'm great at organising and motivating. I'm passionate about quality and attention to detail, I get on well with people of all kinds, and I take a huge pride in what I do. I've been described as "always cheerful and full of enthusiasm". I know how to communicate technical issues to non-technical people without baffling them or talking down to them. I'm dedicated to creating and enhancing software technology to meet and exceed customers' needs.

References

Available on request.