

Profile

I am IT Manager for Collabora Ltd, an Open Source consultancy offering diverse services to an even more diverse set of clients looking to integrate or develop Open Source solutions to their problems. My responsibilities cover day-to-day user and systems support, as well as the design and implementation of new services and infrastructure to better serve the needs of our users and clients.

Systems administration and Open Source are both occupations centred around problem-solving, and the combination of both can lead to some very unique challenges as user issues require. I am also involved in Open Source in my spare time, and help to produce tested and reliable software packages for major Linux distributions in the hands of millions of users.

I am bilingual French-English, dynamic, confident and highly motivated individual who enjoys the challenges of the ever-changing world of information technology, keen to expand my own knowledge and skills with the challenges that greet me.

Education

2001-2004 **Computer Science BSc (Hons) 2.2, University of Southampton, Hampshire**
Particular interest in computer graphics and advanced audio analysis, general Java & C programming.

1995-2001 **14 GCSEs and 5 A-Levels, Aylesbury Grammar School, Buckinghamshire**
Most notable subjects GCSE French [A*], GCSE Russian [A], A-Level Maths [A,B], A-Level Computer Science [A].

Relevant Experience

2011- **Collabora Ltd, IT Manager**
Leader of a small systems management team answering directly to the CEO of an Open Source consultancy. Facing issues from simple desktop queries from the less technical user, through to helping to design and deploy complex integration of various enterprise softwares such as Alfresco or Gerrit. Approximately 70 virtual machines are under constant supervision, running services designed to allow easy working for a team of engineers spread throughout the globe – from email to VOIP and everything in between. I also helped to prepare a specialist desktop distribution for use by all non-engineer staff, to help reduce support workload and set up all services in advance.

2004-2010 **Oxford Supercomputing Centre, Systems Manager**
One of two systems managers in a small team dedicated to the provision of OpenMP and MPI High Performance Computing equipment to University of Oxford researchers across a variety of disciplines. Typical day-to-day roles would involve dealing with user queries, tending to any hardware maintenance issues, and fine tuning of system software configuration. I also helped to design many aspects of infrastructure for new facilities, such as replacing NIS with LDAP for user account management, eliminating insecure usage of RSH across all facilities, and crafting of a new cross-platform GUI tool to manage user and system properties. These services have all been combined together into a customized Linux distribution for easy deployment across OSC infrastructure hardware.

Key Skills

- Skilled with software development, including programming experience in C, C++, C#, Java, ASP, JSP, Scheme, Perl and Prolog.
- Experienced with use and configuration of many operating systems including MS-DOS, desktop Windows versions from 3.1 to 8, Windows Server, BeOS, Sun Solaris, and recent Debian, Ubuntu, SUSE and Red Hat Linuxes.
- Experience with a wide array of infrastructure and server packages, such as OpenLDAP, Apache, Exim4, Postfix, NIS, FlexLM, MySQL, PostgreSQL, RequestTracker, SAMBA, NFS, Sun Grid Engine, PBS, and more.
- Extensive x86/64 hardware assembly and maintenance experience, experience with the assembly, testing, and maintenance of gigabit networking systems, as well as specialist network fabrics such as Myrinet or Infiniband.
- Fully bilingual – a native speaker of French and English.

- Experienced at working both alone and in a team (both as a member, and leading), and working to deadlines
- Free Software contributor – packager for Ubuntu and Debian Linux distributions, which gives me intimate knowledge of software packaging semantics, as well as dealing with people worldwide in a coherent fashion. My work has an installed user base of several million.
- One of the only people in the world with intimate knowledge of deploying .NET applications to Linux servers.
- Speaker at FOSDEM in 2010-2012, one of Europe's main Free and Open Source software conferences.

**Personal
Details**

Born on March 31st 1984
Clean UK driving license

Interests

A keen technology hobbyist, partial to video games as well as computer hardware building and modification.

Referees

Robert McQueen, Collabora Ltd, rob.mcqueen@collabora.co.uk
Dr Jon Lockley, Institute of Cancer Research, Jon.Lockley@icr.ac.uk