

# Simon John King

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An IT professional with a solid technical and management background. Possesses a wealth of experience of designing, implementing and running an enterprise class network infrastructure, as well as designing, programming, maintaining and supporting software in both Unix and Windows environments.

## Career

Bishop Fox's Community School

### Network Manager

2007 – Current

- Invited and sat on a national advisory committee for the education sector (Becta).
- Designed a network the subject of case studies for national bodies and press.
- Responsibility for investigating, recommending, purchasing and implementing all IT software, hardware and services in a 1000 user, 400 client machine network.
- Evaluated and made recommendations for IT solutions being considered at a County level.
- Manage an Apple Regional Training Centre for education users in Somerset.
- Managed the procurement of large multi-year and multi-phase solutions.
- Working alongside Sirius IT consultants, designing and implementing a network that allows Windows, Ubuntu and Apple users to see the same documents with the same authentication details and features on any platform.
- Received praise from consultants and suppliers for the sophistication of the IT provision.
- Improved energy efficiency with low power clients, storage consolidation and virtualisation.
- Introduced resilience with multiple servers providing key network services.
- Implemented network monitoring, hardware and software asset management.
- Procured a managed print solution that has cut paper waste to almost nil, saving at least 20% on print costs across the school.
- Aggressive cost savings by deploying mix of Free Open Source and proprietary software.
- Used cost savings to increase student access from four IT suites, to eight plus 80 net-books.
- Complete replacement of all IT infrastructure hardware and software in three phases.
- Eliminated viruses and student hacking through deploying appropriate tools and processes.
- Secured the network from external threats.
- Manage two technicians in a demanding environment.
- Created [www.bishopfoxs.co.uk](http://www.bishopfoxs.co.uk) website and implemented Moodle distance learning platform with optimisation and caching using Varnish.

Royal Blue/Fidessa

### Technical Support Analyst

2006 - 2007

- Managed the software release process for all customers, primarily large banks.
- Supported and managed the test environment Unix servers and Windows clients.
- Developed and implemented automated test tools using perl and shell scripts.
- Trained on trading theories and computer systems with the aim of developing better test tools.

Vector Command Ltd

### Programmer

2005 – 2006

- Designed and developed an interactive decision-consequence system for tactical training software, used in emergency planning exercises at national level in the UK and Australia.
- Worked on the designs for real time tracking software to monitor and support emergency personnel at major incidents.
- Performed defect analysis and fixing for the major packages in each release, clearing the backlog completely for two out of three releases.
- Oversaw and participated in building the operational training package from source code through to handing the CD over for shipping.
- Provided 3rd line support including out of hours.

IBM UK Ltd

**Production support analyst** 2003 – 2005

- Production third line support for the billing system of a major mobile telephony company.
- Developed and managed the build, test and release cycle for all system changes.
- Maintained C and C++ applications for AIX, Solaris and Windows.
- Designed and implemented interoperability interfaces for business-to-business data exchange.
- Received personal thanks from the client's project manager for my prompt report on a key issue which could otherwise have lost their relationship with a primary supplier.
- Member of the cross project group to develop project wide standards for configuration management, with multiple releases being worked on simultaneously by up to 400 staff.
- A key participant on a successful drive to improve reduce the defect backlog tenfold.
- Trained staff from other countries in build management and version control.

**Programmer** 2002 – 2003

- Delivered what has been described as the most complex post processor attached to a Geneva billing system. The interface was delivered on time, despite changing requirements.
- Implemented the interface using Oracle ProC++, a new skill learnt quickly to perform this role.

**Technical documentation developer** 2001 – 2002

- Developed tools to support technical writers.
- Improved HTML manuals with client-side dynamic sorting and filtering of table data.
- Demonstrated the digital manuals to clients and visitors.

**Legacy application support** 2000 – 2001

- Chosen to develop additional redundancy for the X400 application.
- Produced documentation for legacy code which lacked even in-line comments.

**Application hosting support** 1999 – 2000

- Configured and tested solutions for web and application hosting scenarios, using Cisco and Check Point hardware and Windows, Solaris and AIX systems.
- Contributed to designing web presence solution for a major retail chain.

## Education

Bachelor of Science (Hons) in Computer Science (2.1), University of Portsmouth/IBM Integrated Degree Scheme, 2002.

'A' levels Computing (A), Physics (B), Mathematics (B) and French (D), 1999

10 GCSE's at A\*-C including English and Maths, 1996-1997.

## Professional Development

Apple Logic Professional Level 1 and 2, 2008

CCNA accreditation preparation course, 2006

Certificate in continued professional development from the Institute of Leadership and Management, 2006

## Proficiencies

Management of Windows Server 2003, Debian and Ubuntu GNU/Linux servers, including technologies such as OpenLDAP, BIND, Apache, MySQL, Squid, Joomla, Nagios, Cacti, GLPI, OCS Inventory, Request Tracker, FollowMe managed printing. Manage Ubuntu, Windows and OSX desktop environments. Proficient in a number of programming and scripting languages including C/C++, Bourne/Bash/Dash and Perl. Design experience with UML and Design Patterns. Actively buy, use and maintain major brand name and custom built x86 servers. Practical networking experience, primarily on Cisco equipment.

## Interests

Playing bass guitar, walking long distances in the countryside and sound engineering for bands and festivals.