Neil McGovern

CV: 4^d October, 2007

Sheffield · South Yorkshire · UK
Email: neilm@debian.org

Education & Qualifications

- 11 GCSEs, 3 A-Levels
- Watchguard Certified System Professional / Watchguard Certified Sales Professional
- Full British and USA passports
- Availability: **1 month throughout Yorkshire/Manchester, 2 months notice worldwide.**
- Preferred Role: **Web programming, preferably LAMP. Debian system administration, Open Source consultancy, security management**

Computing Experience

My primary experience lies in the fields of (but not restricted to):

Programming
- **PHP 5**: class creation, DB access, image manipulation, dynamic data and session management, control panel authoring
- **Perl 5**: batch job creation, modular systems
- **Python**: basic modular python, automated processing systems
- **Web**: HTML, XHTML 1.0/strict, CSS, AJAX
- **SQL**: MySQL 3-5, PostgreSQL, SQLLite
- **RCS**: CVS/Subversion code control, branching, deployment and management.

Networking
- **Mail**: Exim 3-4, SpamAssassin, ClamAV, POP3/ESMTP/IMAP
- **Web**: Apache 1.3-2.2, thttpd
- **DNS**: Bind 8-9
- **MySQL** replication and high-availability
- **Management**: Nagios, rrdtool
- **TCP/IP**: IPv4 and IPv6
- **Domains**: Nominet Automaton integration, EPP

Telephony
- Mobile media (MMS/SMIL and SMS)
- Remote device optimisation
- Remote content distribution (wap push/MMS)
- ICSTIS approval for mobile services

Security
- Security checking, code audits, firewalling, IPTables
- SSL/Java certificates
- PDF document file management/generation
- Smart imaging work via digital photography
- PGP/GPG integration
- Nessus/OpenVAS development
- Security Advisory creation/management (Mitre/OSVDB/Debian)

Environments/OS
- Linux: Debian + derivatives, Slackware
- Linux Kernel: 2.x series
- bash, posh, dash, POSIX-compliant shells
- X11: Gnome, XFCE, x.org, Xfree86
- MS Windows Desktop 3.0 to Windows 2000
- MAC OS 6-9, MacOS-X
- Watchguard FMS 7+
- Architectures: i386, sparc, mips, mipsel, powerpc

Administration
- Debian/Slackware package management/creation
- Debian mirror/archive creation & management, automated update systems
- General .deb based distribution administration
- MySQL 5 administration, optimisation, design and tuning.

General

Debian:
I currently hold the following positions within Debian:
- Debian Developer
- Application Manager
- Security Team member
- Web Application Policy author
- DebConf Organiser

Software in the Public Interest, Inc.
I currently serve on the Board of Directors, and am secretary of SPI, an organisation founded to provide a legal framework for various open source projects, including Debian, PostgreSQL, Drupal and OpenOffice.org

Employment Status

Fotopic.net

My most recent employment (since June 2003) has been through Fotopic.Net Limited, an online community where users may publish their own photographs, and which receives in excess of 150M hits a week with 150,000 registered users, on a database of 75 million images. This comprises a cluster of over 40 Linux servers with a purpose-built RAID5+1 IDE SATA SAN and a modular framework built in PHP and a small amount of Perl. A fully-featured back-end has been written which handles all CRM mechanisms, supply-chain management, invoicing and international VAT handling, live credit card authorisation, network management, performance projections, management accounts, support and fault handling, XML toolkit conduit, and batch links into Sage Line50 using Unix ODBC.

Through Fotopic, I have worked on various blue chip client's systems, ranging from corporate property development, educational podcasting systems and large scale marketing sites.

Fotopic may be viewed at http://fotopic.net

Debian

As part of the Debian Project I work in multiple areas; general development through to security updates and organisation of the annual Debian Developer's Conference: an event organised to promote and bring together the Debian project as a whole. My work in this area involves the organisation of multiple groups, and the allocation and tracking of large budgets to endure overspend does not occur. My security work dictates an extremely high level of attention to detail, which must be executed in a timely manner to ensure that the relevant groups collaborate with a security update effectively.

References

Available on request