Chris Cowley

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Objective

Seeking a position that will enable me to utilise my diverse skills in Information Technology and passion for open technologies to provide the best solution,

Personal Details

- Date of birth..04/10/1978
- Marital status...Married
- Sex..Male
- Race..White British

Technical Skills

Platforms:
- UNIX (IBM AIX, Linux, Solaris)
- Mac OS X
- Windows

UNIX:
- Configuration/administration of UNIX services including (but not limited to) Apache, Tomcat, DNS, firewall, SMTP, mail, samba, NFS; for use in large and small network environments.
- Extremely strong shell programming.
- High-availability clusters using standard Linux tools as well as Red Hat Cluster Suite.
- Storage Area Networking (SAN) with Fibre channel, iSCSI and ATA-over-Ethernet
- Virtualisation using , KVM and Vmware.
- System monitoring using Nagios, HP Insight Manager and SNMP.
- Databases including ORACLE and MySQL.
- Programming languages including C, PHP, Tcl/Tk, Ada, Perl and Awk; also multiple environments from Vi to Eclipse and Apple Xcode.
- Version control with CVS and Subversion.
- Puppet Configuration Management

Networking:
- Managed switches including HP Procurves and Cisco Catalyst.
- Routers including Juniper Netscreens and Cisco.
- Good fundamental knowledge of the underlying principles and OSI model.

Web:
- Standards-based web design using anything from Vi to Dreamweaver.
- Web programming with PHP/MySQL, Javascript, Ruby, Python, Perl, Actionscript.
- Various web frameworks and systems including Ruby-On-Rails, Drupal, Mambo and Plone .

Experience

April 2008 – Present...R&D IT Engineer: Snell Group
- Responsible for the smooth running of the Linux systems in a company that pushes its IT infrastructure up to (and even beyond) the limits of technology.
- Configuration and maintenance of the LAN/WAN.
- The design and implementation of a high-availability Linux cluster running several business-critical services.
- Oversaw the migration of key IT services from physical to virtual systems
- The design and implementation of a new corporate contacts system, accessible via the web to remote offices. Created using AJAX/MySQL/PHP and running on Apache. The system makes heavy use of Kerberos/LDAP in order to identify the user transparently where possible.
- Implementation of Nagios monitoring system.
- Implementation of Puppet Configuration Management System

January 2007 – February 2008...Adaptation Developer: Lockheed-Martin
- Working within a client team at NATS (National Air Traffic Services)
- Developing NATS next generation Air Traffic Control software (iFACTs) and supporting the current system.
- Working in an ultra safety critical environment.
- A role that required a "jack-of-all-trades" - system administration, DBA, development, general problem solving and the ability to apply knowledge to alien situations.
- Planned and implemented the re-platform of our development environment. This, in particular, required in depth AIX administration skills.

January 2006 – January 2007..*Director:Neat Support*
- Supplying on site support to both home and business users.
- Majority of work has been problem solving against the clock.
- All customer facing.
- Always encouraging customers to consider Linux whenever it is a suitable solution.
- Several customers have continued to use my services; particularly those introduced to Linux, who have continued to expand it's applications in their business.

March 2005 – October 2005..*PC iDeals, Southsea*
- Running the shop front and the secondary workshop.
- Instrumental in implementing several systems to improve work flow, organisation and customer satisfaction.
- In addition to organising the shop I also built the majority of machines that come out of the shop and helped with repairs, in times of crisis.

June 2000 – January 2006..*Freelance Sound Engineer*
- Had the honour to work with some of "Rock n Roll" greats. People like Marty Wilde, Paul Carrack (Mike & the Mechanics), Mickey Moody (Whitesnake), Georgie Fame, Zoot Money, Slade, Larry Norman and many more.
- Been forced to contend with all the problems associated with being my own boss: accounting, advertising, self-motivation, etc.

Interests

As well as IT, interests include guitars, sound engineering, reading, general science and recording. Currently learning French.

Community Activities

Built the IT centre at King's church Southsea. Consisting of a single machine running Windows 2000 server and 11 workstations running Windows 2000 Professional.

Qualifications

A levels		**GCSE**	
Maths	B	Physics	A*
Physics	C	Biology	A
Design Technology	E	Chemistry	A
Further Maths (AS)	E	Maths (a year early)	A
		Religious Studies (a year early)	B
		English language	B
		English literature	B
		History	B
		Design Technology	C
		German	C

References

Dr Andrew Thomas
224 Devonshire Avenue
Southsea
Hants
PO4 9EH
02392 830 221

Reece Percival
Snell Limited
Southleigh Park House
Eastleigh Road
Havant, Hampshire
PO9 2PE
02392 489 104

Licenses and Professional Memberships

- Full, clean driving license
- SC level security clearance