Curriculum Vitae

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I am an Australian Citizen

Demonstrated Skills and Competencies

Software Development

- Python
- Twisted Python
- C/C++
- PHP
- Test driven development, pair programming
- SQL database design and query generation
- Version control systems, including, subversion, git and mercurial
- Plugins for ticket tracking systems, Trac, RT, Basecamp, github

System Administration

- Advanced knowledge of Debian, RHEL, Centos
- Some knowledge of Windows versions XP,7,8,2000,2003,

Familiar with

- OS X, Slackware, Linux From Scratch, Solaris, Ubuntu
- Apache, nginx, haproxy, fastcgi, lighttpd
- LDAP design, construction and management
- Ansible, Chef, Puppet
- ELK stack, Snort, VoipMonitor
- SAMBA including Active Directory Authentication
- NFS, GlusterFS
- TFTP and network booting
- Cloudstack, Virtualbox, KVM, LXC and RHEV
- Server hardware quoting, construction and deployment
- MySQL and PostgreSQL administration
- Backup policy design and implementation

Relevant Qualifications

- 2006, Bachelor of Science (Computer Science), Australian National University
- 2013, Red Hat Certified System Administrator, Certification ID: 130-053-093

Employment History

M5 Networks Australia – System Administrator

2012 – Present

Other duties include:

- Mysql/PostgreSQL administrator
- Python scripting for call record statistics
- PHP development for simple web based applications
- System design and engineering
- Ansible development
- Design, implementation and deployment of a RHEV+RHS cluster

Wollemi Systems – Online Application Specialist

2010 – 2012

- Linux System Administrator
- Windows System Administrator
- Web developer in Wordpress, PHP, XHTML/CSS, Ruby on Rails
- Microsoft Access Development
- Platform Architect
- Helpdesk Manager
- Desktop Support
- Clerical and secreterial Duties

ANU Supercomputer Facility – Specialist Programmer

2005 - 2010

- Python developer
- Ruby on rails developer
- Unix system administrator
- MoinMoin wiki install and set up
- Apache configuration for production Ruby on Rails projects
- Grid Systems Administrator
- Video Conferencing System Administrator
- User documentation for Video Conferencing
- Install and maintenance documentation for production systems

Projects

- PARADISEC - Pacific and Regional Archive for Digital Sources in Endangered Cultures http://www.paradisec.org.au/
- ACLA - Aboriginal Child Language Acquisition
- APSA – Australasian Pollen and Spore Atlas, http://apsa.anu.edu.au
- Census Digitisation Project, http://hccda.anu.edu.au

Barrallier Books - Executive Assistant, Web master

2008 – 2010

- Website installation and update
- Backup management

EDMStudio - Linux System Administrator

2008 – 2009

- LAN Server installation and configuration
- Network design
- Hardware maintenance
- Python Programming

Previously

- ANU Film Group - Projectionist
- Tdesigns - Contract IT Support
- Australian Local Government Association - System Administrator
- Taskey PTY LTD - General IT Assistant
- Babar Café and Bar - Kitchen Hand
- Southern Cross Club Woden - Kitchen Hand.
- Rydges Capital Hill - Kitchen Hand

Interests and Hobbies

- Renewable Energy
- Software Defined Radio
- Amateur Radio - VK1ATP
- Radio Control Gliders and UAV
- Home Roasted Coffee