

Curriculum Vitae

Paul Alexander Warren
9 Foley Pl Holt ACT 2615
0438 240 819
jobs@pwarren.id.au

I am an Australian Citizen and hold an NV1 clearance.

Demonstrated Skills and Competencies

System Administration

Specialties

- Advanced knowledge of Debian, Centos and RHEL
- Red Hat Satellite 5 and 6
- Apache, nginx, haproxy, fastcgi, lighttpd
- Significant experience with VMWare Vsphere and VCAC.
- OS X, Slackware, Linux From Scratch, Solaris, Ubuntu
- Email and DNS configuration and deployment
- ELK stack, Snort, Splunk and Alienvault SEIM

Familiar with

- FreeIPA and Active Directory integration
- Nagios, Icinga, Zenoss and Xabbix
- LDAP design, construction and management
- Ansible, Chef and Puppet
- SAMBA, Kerberos, PAM, realmd and SSSD including Active Directory Authentication
- NFS, GlusterFS
- TFTP, PXE and network booting
- Cloudstack, Virtualbox, KVM, LXC and RHEV
- Server hardware quoting, construction and deployment
- MySQL and PostgreSQL administration
- Backup policy design and implementation
- Squid and linux based transparent proxys
- NTP infrasatructure design and implementation for time critical processes

Software Development

- Python
- Twisted Python
- Embedded C/C++ for Arduino and STM32 platforms
- Test driven development, pair programming
- SQL database design and query generation
- Version control systems, including, subversion, git and mercurial
- Familiar with the Atlassian products, and github workflows

Relevant Qualifications

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

Employment History

Australian Financial Security Authority – Contract System Administrator

2016 – Present

At AFSA I designed and implemented a RHEL 7 SOE for unix services, automated the deployment of that SOE. I also designed, tested and rolled out Active Directory authentication and authorisation for RHEL 6 and 7 based linux hosts. I assisted with the deployment of a number of configuration management and monitoring systems, including phpIPAM, Observium and Splunk. I assisted with setting up Alienvault squid integration and alerting. I assisted with patching and contributed to planning meetings. In addition I was exposed to the CommVault backup system, SCOM, SCCM and SEP. Most of my role was involved in BAU tasks to assist various teams across the ICT department.

Geoscience Australia – Contract System Administrator

2015 – 2016

At Geoscience Australia I assisted the team in managing a large linux environment spread across a variety of platforms, including Vsphere, Vcloud, AWS and physical machines. In addition I assist scientists to get the computing platforms built and configured to their required specifications, which involved custom software builds and configuration.

M5 Networks Australia – System Administrator

2012 – 2015

- 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 secretarial 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>

Previously

- Barrallier Books – Execute Assistant, Webmaster
- EDMStudio – Linux System Administrator
- 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