

MICHAEL CARDEN

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Precis:

I am a technical specialist in computers and electronics with more than twenty years of experience across a diverse range of technologies. I have worked in consumer electronic service, mainframe and network operations for a large research organisation, in several technical support roles for a global electronics company, as a computer systems administrator and as a software development manager for an Australian government agency. I am currently the Software Development and Infrastructure Manager for the National Archives of Australia's digital preservation team.

I have a passion for locating solutions to technical problems and a flair for communicating complex concepts to others.

Key skills:

Communication.

Using my aptitude for written and spoken English, I have:

- Delivered technical presentations to major conferences:
 - Linux Conference Australia 2007.
 - OpenCeBit Sydney 2007.
 - Open Source Symposium WA 2007.
 - CCA Digital Summit, Adelaide 2006.
 - LinuxWorld Sydney 2006.
- Researched, prepared and presented technical training seminars introducing technologies to professionals.

Technical.

I have practical experience working with:

- Managing cross platform software development, Concurrent Versions System, bug and enhancement tracking, build, test and release of software.
- Digital Preservation.
- MS-DOS, Windows 3.11, 95, 98, NT3.5, NT4, 2000, 2000 server, 2003 server, XP, Vista, MacOS and GNU Linux via kernels 2.0.x, 2.2.x, 2.4.x and 2.6.x.
- TCP/IP network design, implementation and troubleshooting.
- Fibrechannel network implementation.
- Server facility design and construction including air, power, fire, network and hardware provisioning.
- ICL mainframe and mini systems, Intel and AMD x86 systems, voice and data communications via the PSTN, network and printer hardware.
- The construction, analysis and repair of analogue and digital electronics to the component level with an emphasis on RF and telecommunications applications, microprocessors, Digital Signal Processing, Spread Spectrum and GSM mobile telephony.

Professional Experience:

Technical Manager (National Archives of Australia 2007~)

Software Development Manager (National Archives of Australia 2005~2006)

Systems Administrator (National Archives of Australia 2004~2005)

Technical Liaison Officer (Panasonic Australia 1991~2004)

Systems Support Technician (Tart Research 1990~1991)

Service Manager (Ray Cross Electronics 1983~1990)

Education and Professional Development:

- Linux Professional Institute (LPI) LPI-101.
- ITIL foundation certification.
- Brocade Fabric OS (2005).
- TCP/IP Networking (Housley, 2000).
- Matsushita Management Development Program. (1999~2000)
 - Situational Leadership
 - Effective Negotiation
 - Presentation Skills
 - Problem Solving and Decision Making
- Certificate of Electronics – Communications (RMIT. 1986)