AntonyWuth

contact

100 Eucumbene Dr
Duffy, ACT, 2611
Australia

+61 (0) 414 254 157
+61 (02) 6287 4506

ajw@pobox.com

IT administration

Linux
Solaris
Oracle Database
Data Communications
TCP/IP Networking
ICT Metric's
Internet Services
DNS
HTTP
ICT Security

ICT Design

SOE
Security
Gateway environments
Network
Web Applications

ICT Audit

Security
Firewall review
Networks
Log management and
review

Languages

Perl
Java
PHP
VGL
C

IT Management

Continuous Integration
/ Dev
Systems Monitoring
Network Monitoring

personal history

I worked under contract as a theatrical technician as well as running a private help desk before becoming a contract programmer in February 1998. I have supported and developed for life critical systems such as the Sample Manager Laboratory Management product at the Australian Water Quality Center (AWQC). I am proficient in a number of different programming languages, with the skills to rapidly learn new languages as required. I am experienced in the installation and maintenance of Oracle systems running under AIX, Solaris, Windows and Linux. I have considerable experience in network installations specialising in TCP/IP. I have been involved in the specification and roll out of secured public access systems. I have also worked with both small business and large enterprises to implement reliable, secured and cost effective networks.

Staff Management

Throughout my career I have been required to manage staff, a role I am comfortable in filling. Whilst at the Department of the Environment I was initially responsible for managing a small development team, and then progressing to a section of sixteen IT professionals with a variety of skills. I enjoy the interaction that comes with a management role and look forward to continuing this aspect of my career. I particularly enjoy mentoring staff and the benefits of staff growing into a new role not only benefits the organisation but provides a significant personal satisfaction when I see staff excel at their work.

Internet Technologies

I have been involved in the Internet since 1991. I played a key role in the set up and operation of a small Internet Service Provider (ISP) CAPCOM. I currently administer a number of Internet sites in both Australia and overseas. I am involved with the Linux operating system, an Open Source system challenging the development practices of many traditional software developers. I have run Linux both privately and commercially since 1992. Over the past few years I have been responsible for the management of secured internet gateway environments delivering secure, reliable and monitor-able internet access to thousands of employees. These secured gateways host public facing web sites and applications listed as the most accessed Australian in their class.

ICT Security

With the management of both internal and public facing systems comes a necessity to pro-actively manage a security posture. In addition to the operational management of IT environments, I have prepared and interpreted policy documents, provided operational advice as well as participated in investigations. I regularly provide advice on how the changing policy environment will flow through to affect operational architecture and work practices.

Oracle & Databases

I have spent the last 15 years developing my Oracle and SQL skills. I have been responsible for the installation and configuration of new Oracle databases as well as ongoing adaptation to the customer's requirements. I have become proficient in managing changes to database environments, while controlling the impact on planned objectives. I have been responsible for the planning and implementation of hardware environments to support a growing Data Warehouse providing the AWQC access to water testing results dating back to the early 1930's. In addition I supervised the AWQC implementation, risk analysis and disaster recovery procedures, resulting in a lowering of the overall cost of Information Technology to the AWQC. More recently I have led projects to upgrade to more recent releases of Oracle including re-engineering systems to take advantage of the new features available.

Web Development

I have worked with a number of leading edge businesses in order to bring their products to the global Internet market. I have worked as a team leader to design, program and implement business critical software including e-commerce, financial and inventory management. A number of my clients have been purely online, requiring the utmost in software reliability. I have provided training in Internet technologies, both one-on-one, as well as in larger groups. Recently I have been assisting government clients with the development and deployment of Java based application

Personal Development

I constantly strive to increase my knowledge, both through formal training and private study. I enjoy expanding my knowledge into new areas and am never satisfied to use a product or system without fully understanding the underlying technologies. I continue to expand my knowledge in the management and administration Information Management Technologies.

Budget Management

Over the past 5 years I have been personally responsible for multi-million dollar budgets. I have been responsible for the management and delivery of significant capitol projects leading to significant improvements in the IT environment. While managing these budgets I frequently have to adjust for changing circumstances I task I manage to complete with the diligence required with the expenditure of public money.

employment

2013-Present **Australian Government, Department of the Environment**   Canberra, Australia
Director Platform Services Section
Duties:
- Lead and manage a diverse team of ICT professionals.
- Manage multi-million dollar operational and project budgets
- Project management of both internal and externally delivered systems.
- provide advice, participate and manage ICT procurement activities including large tender processes. Including large whole of government activities.
- Assist in new strategic initiatives both directly and via participation in steering committees and working groups.
- Manage external providers and consultants.
- Implement and manage mixed Linux and Windows servers.
- Participate in key audit processes including implementation of recommendations.
- Deliver key infrastructure projects:
  - Migration to new Secured intranet Gateway
  - Design and implementation of new MAN network design
  - Implementation of system configuration management system (puppet)
  - Oracle Database and infrastructure upgrades

2008-2013 **Australian Government, Department of Sustainability, Environment, Water, Population and Communities**   Canberra, Australia
Director Environmental and Business Information Systems Section
Duties:
- Lead and manage a diverse team of ICT professionals.
- Manage multi-million dollar operational and project budgets
- Project management of both internal and externally delivered systems.
- Assist in new strategic initiatives both directly and via participation in steering committees.
- Manage external providers and consultants.
- Implement and manage mixed Linux and Windows servers.
- Creation and implementation of resource management strategies (charge-back cost recovery)
- Provide support for web based applications to both internal and external clients.
- Train and assist clients to effectively utilise information systems.
- Participate in a number of key initiatives including a tender process to source a new Departmental outsourcing provider.
- Participate in Whole of Government procurement and policy processes.
- Deliver key infrastructure projects:
  - Oracle Database and infrastructure upgrades
  - Network security review, re-mediation and implementation.

2004-2008   **Australian Government, Department of Environment and Heritage**   Canberra, Australia
Database and Internet Officer
Duties:
- Develop, implement and manage Internet applications.
- Implement and manage mixed Unix (Solaris) and Windows servers.
- Provide support for web based applications to both internal and external clients
- Manage relationships with external providers and consultants.
- Manage APS level staff.
- Train and assist clients to effectively utilise information systems.

2002-2004   **Cape3**   Canberra, Australia
Senior Analyst - Web Programmer
Duties:
- Design of back-end databases, including integration with legacy systems.
- Implementations of designs in:
  - ColdFusion
  - Perl
  - HTML
  - PHP
- Assisting graphics designers to realise their vision.
- Design and specification of systems and network upgrades.
- Preparation of tender responses

1998-2002   **Australian Water Quality Centre**   Boliver, South Australia
Analyst / Programmer
Duties:
- Power Builder development
- Development of database reporting software
- Migration and cleansing of data from legacy systems
- Interfacing financial and laboratory systems
- Design and implementation of work scheduling systems
- Support for Sample Manager
- Maintenance and improvement of Laboratory Information systems
- VGL Programming
- UNIX Administration
- Support for AIX 4.x on RS/6000 hardware
- Planning and supervision of systems upgrades
- Administration and Maintenance of Oracle 7.3, 8 & 9i systems
- Year 2000 (Y2K) systems testing and re-mediation
- Testing of complex integrated applications over multiple environments
- Liaison with external suppliers

1993-1997   **Freelance PC / Network Technical Support**   Canberra, ACT
Analyst / Programmer
Duties:
- Procurement of hardware and software
- Network installation and troubleshooting
- Hardware upgrades and maintenance
- Remote Help Desk support to clients
- Internet training

awards

| 2009 | **Secretary's Award** | Department of the Environment, Water, Heritage and the Arts |

Awarded for sustained contribution towards realising the Department's outcomes

| 2007 | **Division head's Award** | Corporate Strategies Division, Department of the Environment |

Awarded for excellent management of the Department's mid-range database, infrastructure and web information systems

| 2007 | **Division head's Award** | Corporate Strategies Division, Department of the Environment |

Awarded for excellent support to the Department's web information systems

communication skills

| 2013 | **Oral Presentation** | Splunk live |

Presented the Department's implementation of splunk as a security and log management system.

education

| 2012 | **Splunk, search administration, installation** | |

| 2011 | **Project Management Best Practice** | Dept. of Environment and Heritage |

| 2004-present | **Oracle** Database Administration and feature updates | Oracle Corporation |

| 1999 | **Oracle** Database Administration | Oracle Corporation, Canberra |

| 1999 | **Sample Manager** Administration | LabSystems Australia, Adelaide |

| 1998 | **Sample Manager** Advanced VGL Programming | LabSystems Australia, Sydney |

| 1997 | **Diploma** Diploma of Business Programming | Computer Power Training Institute, Canberra |

C, COBOL, Visual Basic, SQL, business applications, operating systems and network operating systems

| 1993 | **Year 12 Certificate** | St Edmunds College, Canberra |

interests

professional: ICT & physical security, solution design, systems automation, process quality improvement **personal:** cycling, fish-keeping, home-automation, electronics, embedded programming, wood working.