

Personal Details

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Education and Qualifications

Tertiary

Course: Bachelor of Information Technology
Period: 1990 - 1992
Institution: University of Queensland, St Lucia

Secondary

Level Achieved: Senior Certificate (Year 12)
Period: 1985 – 1989
School: Saint Peter Claver College, Riverview

Referees

Name: Bill Thornely
Position: Executive Manager, Application Services
Organisation: ICT Operations, Information Management Services,
Department of Education and the Arts
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Name: Jane Adams
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Department of Education and the Arts
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Name: Robert Rice
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Information Technology Technical Summary

Hardware, Operating System

Technology	Usage Frequency (%)	Last Used	Experience (Year/s)
PCs, MS Windows 3.x, 98, 2000 Professional and Server & XP Professional, Windows 2003 Server	100	Current	11
Sun Solaris, Unix	80	1999	3

Development Tools, Programming Languages, Utilities

Technology	Usage Frequency (%)	Last Used	Experience (Year/s)
Web development – HTML, JavaScript, CSS, HTTP	100	Current	9
MS Visual Studio .NET 2003 & 2005	100	Current	4
VB.NET	100	2006	4
ASP.NET	100	Current	4
ADO.NET	100	Current	4
C#	100	Current	3
Reporting Services	50	Current	0.5
Visual Source Safe (VSS)	100	Current	4
XML, XSD Schema, XSLT	20	Current	4
Web Services, SOAP, UDDI	20	Current	0.5
Internet Information Services (IIS)	100	Current	5
N-tier Architecture	100	Current	5
Component Services (COM+)	100	Current	5
SQL Server 2000	100	Current	5
Oracle 8i, PL/SQL	100	Current	7
Load testing – Application Center Test (ACT)	20	Current	3
Build process - CruiseControl.NET, NAnt, NUnit, FxCop, NDoc	30	Current	1
MS Visual Interdev 6.0	50	2002	2
MS Visual Basic 6.0	50	2002	2
ASP (VBScript)	50	2002	2
Oracle Web Server, Designer 2000	100	1999	3
Oracle SQL*Plus, SQL Loader	30	1999	3

Employment History

Position: Associate Consultant

Period: April 2006 – Present

Organisation: DataCogs Information Technology

IT Environment: MS Windows XP Professional, Visual Studio .NET 2003 & 2005, C#, ASP.NET, MS Enterprise Library 2.0, CSLA.NET 2.0, SQL Server 2000, Visual Source Safe, MS Office 2003, Internet Explorer 5.x, 6x, FireFox 1.0.

Role Overview: Redland Shire Council

- Implemented the RSC Framework to provide reusable components including corporate data access, exception handling and custom web controls.
- Developed Redland Planning Scheme (RPS) Admendment system which utilised the RSC Framework and MS Enterprise Library 2.0. RPS Amendment system allows Council staff to submit requests suggesting changes made to RPS. A workflow process is incorporated to control stages of the requests made.
- Developed DataWorks web controls and windows controls to interface with DataWorks SDK using COM interop. DataWorks is a content management system. The controls allow referencing DataWorks documents and registering a new document into DataWorks.
- Converting .NET 1.1 applications to .NET 2.0 which utilises the RSC Framework and MS Enterprise Library 2.0. Applications include Corporate Wardrobe and Catering.
- The following technologies are used:
 - Visual Studio .NET 2005
 - C#
 - ASP.NET
 - MS Enterprise Library 2.0
 - SQL Server 2000

Cromwell Corporation Limited

- Implementing an Online Investment System (OIS) to allow investors accessing their investment details over the internet. Access to OIS will be secured using Secure Socket Layer (SSL).
- The following technologies are used:
 - Visual Studio .NET 2005
 - C#
 - ASP.NET
 - MS Enterprise Library 2.0
 - CSLA.NET 2.00
 - SQL Server 2005

Position:	Computer Systems Officer (PO4) - .NET Framework Architect
Period:	April 2000 – April 2006
Organisation:	Department of Education and the Arts (DEA)
IT Environment:	MS Windows 2000 & XP Professional, Visual Studio .NET 2003, VB.NET, ASP.NET, Visual Interdev, Visual Basic 6, ASP, COM+, SQL Server 2000, Visual Source Safe, MS Office 2000, MS NT Networks, Internet Explorer 5.x, 6x, FireFox 1.0.
Role Overview:	<p>I worked on the DEA .NET Framework as an architect/developer for 4 and half years. I was managing the on-going development, support and maintenance of the DEA .NET Framework which provides reusable .NET components. Within this support team, I managed 2 contractors and ensure that formal development guidelines are followed.</p> <p>Some of the key components in the DEA .NET Framework include security authentication and authorisation, data access, exceptions and errors management, reference data, web controls, administrative web pages and user interface templates. The DEA .NET Framework supports a wide range of DEA corporate web applications from small to large systems and heterogenous clients/audiences including internal corporate staff, teachers and students, and members of the public. These web applications include:</p> <ul style="list-style-type: none">• Grant and Allowance Payments System (GAPS) – a financial system which manages grants to schools;• The Learning Place Administration System (LPAS) – an online learning system which allows teachers and students to manage and enrol in courses over the internet;• Teacher Relief and Contract Employment Register (TRAS) – an administrative system to manage relief teachers;• Schools Directory (WCIS) – an enquiries system which allows school information to be searched. <p>The technology used within the DEA .NET Framework and applications includes VB.NET, ASP.NET, N-tier architecture, COM+, SQL Server and IIS. The automated build process that I have incorporated utilises tools including CruiseControl.NET, NAnt, VBCommenter, NDoc, NUnit, FxCop and MSI.</p> <p>I was also involved in decision making and required to provide consultation, expert advice and guidance on all Web development technology to internal developers, contractors and external vendors. For new projects that come within the DEA .NET Framework, my role was to provide Quality Assurance (QA) by reviewing design documentation and source code to ensure best practice and ensuring that standards and guidelines are adhered to. An example of this can be demonstrated in one of many projects - Adjustment Information Management System (AIMS) – an administrative system managing students with disabilities.</p> <p>One of my many other responsibilities was keeping documentation up-to-date and ensuring that application developers were informed whenever changes are made to the guidelines and processes. The documentation that I maintained includes .NET Development Guidelines, .NET Developer Startup Kit, Security Design Guidelines, DEA Build Process and Guidelines, Reporting Services Setup and Guidelines and the DEA .NET Framework build release notes.</p> <p>As part of my role, I was constantly required to keep my knowledge up-to-date with changing technologies. This required investigating and researching the use of technology and then recommending the benefits and potential to the organisation. I</p>

was responsible for overseeing the technology being incorporated into the existing environments. Some of the technologies that I was responsible for include:

- Evaluating the new web development tools and environment which lead to the use of Microsoft products in DEA;
- Incorporating automated build process (CruiseControl.NET, NAnt, NUnit, MSI) for .NET applications;
- Integrating report writer (MS Reporting Services) into the DEA .NET Framework.

I was involved with OurSchool (EQIP) project in August 2005 from where I participated in the development of webservices. The webservice that I developed interfaces with another webservice hosted at WebCentral to upload student data including assessments, absences and timetables. WebCentral is DEA's Managed Internet Service (MIS) provider which provides security, storage and internet access to all state schools. Microsoft Biztalk was used to manage the processes of transferring and receiving student data from schools.

Prior to managing the support of the .NET framework, I developed the WinDNA framework and was supporting the on-going development, support and maintenance of the WinDNA framework which was developed in an N-tier architecture using technology including VB 6, COM+, ASP, IIS and SQL Server.

Position:	Computer Systems Officer (PO3) – Web Developer/Analyst
Period:	April 1997 – April 2000
Organisation:	Education Queensland
IT Environment:	Unix Sun Solaris 2.6, Oracle 8.05 RDBMS, Oracle Designer 2.1, MS Windows 98, MS Office 2000, MS NT Networks, Netscape 3.x, 4.x, Internet Explorer 4.x, 5.x, MS Frontpage 2000, Oracle Application Server 4.0.8.1, WebTrends Enterprise Suite 3.6.
Role Overview:	<p>I worked in the Web Services area for a period of two years from the time it was established. My responsibility covered the development, maintenance and support of all dynamic Web applications using Oracle 8.04 RDBMS. Applications included Schools Directory (WCIS), Telephone Directory (WPHO), Document Check-In (WDOC), Vacancies (WVAC), Year 2000 Information System (WY2K), Calendar Events (WCAL), Professional Development and Training Database (WPDV), IT Equipment System (WEQP), Services/Projects Enquiries (WPSV) and Student Census (WSCE). I was involved in the development of the Education Queensland web site search engine using Oracle Context Option 2.3.6.1.</p> <p>The tool I used extensively to generate web applications was Oracle Designer 2000 which generated Oracle PL/SQL source code. Most of the time, post-generation changes to PL/SQL were applied. Other Oracle tools that I am familiar with include SQL*Plus, SQL*Loader and TOAD (Tools for Oracle Application Developer). Other tasks I have undertaken include the provision of support and advice on web technology; development of Y2K Compliance strategy & testing; programming Unix batch scripts; programming in Javascript; production of web analysis reports using WebTrends Enterprise Suite; converting the branch's certified ISO9001 QA system from HDK help format to HTML.</p>

Position:	Computer Systems Officer (PO2) – Application Developer
Period:	February 1995 – March 1997
Organisation:	Education Queensland
IT Environment:	Unix Sun Solaris 2.5, Oracle 7.3.2 RDBMS, Oracle Designer 2000 1.3.2, MS Windows 3.11 & 95, MS Office 4.3, MS NT Networks, Netscape 3.x, 4.x, Internet Explorer 4.x, MS Access 2.0, Novell Networks, Clipper 5.1, Dbase IV, R&R Report Writer.
Role Overview:	<p>I worked on the Internet/Intranet (I-NET) project as part of a four member team for eight months in July 1996. The purpose of the project was to deploy existing and any potential applications from the Oracle database on to the intranet and the internet to provide long term benefits the department. I was involved in the development, implementation and support of all dynamic web applications including: the Schools Directory (WCIS); Telephone Directory (WPHO); Vacancies System (WVAC); Search Engine (Context option); and Document Maintenance (WDOC). I used Oracle Designer 2000 1.3.2 to generate most of the these applications. Other Oracle tools that I am familiar with include SQL*Plus and SQL*Loader.</p> <p>Prior to the I-NET project, I worked within the School Management System (SMS) project for thirteen months. SMS is the administrative system used by state schools throughout Queensland to record school, student and staff information. My duties were to provide technical support, create and maintain reports using Paradox report generator, perform system testing and liaise with school staff. For technical support, I generally used MS Access 2.0 to create ad-hoc programs and reports to query SMS data. There were also opportunities for me to perform system analysis of SMS Student modules including the Junior Certificate and the interface with Board of Senior Secondary School Studies (BSSSS).</p> <p>In my first few months with the Department of Education, I worked in the Small Systems unit where I was responsible for the maintenance and enhancement of small systems using MS Access 2.0 and Clipper 5.1. Applications written in MS Access 2.0 include Timesheet Reporting Information System and History (TRISH), Departmental Housing System (DHS), Resource Replace Scheme (RRS) and Budget Tracking System (BTS). Applications written in Clipper 5.1 include Budget and Expenditure Revenue System (BERS), Ascertainment System and Recruitment and Selection System (RESL). I have developed a detailed working knowledge of R&R Report Writer 5, which was the report writer used in these applications.</p>
Position:	Technical Officer
Period:	February 1994 - August 1994
Organisation:	Department of Environment and Heritage, Queensland
IT Environment:	MS Windows 3.11, MS Foxpro
Role Overview:	<p>I was involved in the development of the Queensland Fauna Information System (QFIS) for six months. The purpose of the system was to record sightings of fauna including rare and endangered species so that their habitats can be protected. I carried out the system analysis and design and developed a prototype of QFIS using MS Foxpro. Other duties included the preparation of correspondence and general administrative tasks and producing project documentation.</p>

Position: Assistant Technician
Period: August 1993 - October 1993
Organisation: DataQuip Computers
Role Overview:

- Assist computer technicians in assembling and disassembling computers;
- Quality control testing;
- Packing and boxing computers.

Position: Computer Programmer/Analyst (University Project)
Period: August 1992 - December 1992
Organisation: Brisbane City Council (Brisbane Visitors and Convention Bureau)
IT Environment: MS DOS, Smartware II
Role Overview: I was involved in a team of three students developing a SMART-RETAIL system to maintain stocks and inventory. I prepared the project plan and performed system analysis, system design, system testing and implementation. The software used to develop the system is an office package called Smartware II.

Courses Attended

- Function Point Analysis
- Ethical Security Hacking
- Microsoft .NET Customised Courses including:
 - 2500: Introduction to XML and the Microsoft .NET Platform
 - 2063: ASP.NET
 - 2373: Programming with Microsoft Visual Basic .NET
 - 2415: Programming with Microsoft Visual Basic .NET Framework with Visual Basic .NET
- 1907: Building Distributed Applications for Microsoft Windows 2000 with Visual Basic
- 1017: Mastering Web Applications Development using Microsoft Visual Interdev 6
- 1516: Principles of Application Development (MSF)
- IT Security
- JavaScript for Web Developers
- Microsoft Visual Basic 6.0 Development
- Oracle Designer : Design & Generate Webserver Applications
- Generating Web Applications Using Oracle Designer 2000
- Oracle Webserver
- MS Access 2.0 Essentials, Advanced, Program Applications Development
- Introduction to MS Office 4.3 - MS Word, MS Excel, MS Mail and MS Schedule
- MS Foxpro 2.0 Advanced Programming
- MS TechEd Conference - 2001 (Melbourne), 2002 (Brisbane), 2003 (Brisbane), 2004 (Canberra), 2005 (Gold Coast)
- MS User Group, Brisbane
- Internet and various IT industry user group meetings, seminars and conferences

Summary of Skills

Information Technology Specific Skills

- Systems analysis;
- Design of small to medium systems;
- Design and development of Web dynamic applications;
- Detailed knowledge of Web technology including: HTML; JavaScript; CSS; HTTP; XML, XSLT, XSD
- Detailed knowledge of .NET Framework and Visual Studio .NET 2003;
- Detailed knowledge of build process and tools including CruiseControl .NET, Nant, NUnit and FxCop.
- Detailed knowledge of SQL Server 2000;
- Sound knowledge of Oracle product including PS/SQL, SQL*Plus, SQL*Loader;
- Sound knowledge Oracle RDBMS and general DBA skills;
- Sound knowledge of Unix and batch scripts;
- Unit, module and integration testing;
- Writing of technical and user documentation.

General Skills

- Negotiation skills;
- Project planning skills;
- Writing of documentation;
- Commitment to quality management system and standards;
- Working well in a team environment; and
- Good rapport with clients.