

Résumé

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Positions Held	Technical Director Senior Computer Consultant Consultant Analyst/Programmer Computer Systems Administrator Prototype Designer Database Administrator Senior Systems Engineer	Senior Analyst/Programmer Technical Product Manager HTML Editor / Creator Systems Manager/Programmer Interface Designer Data Analyst / Designer Project Manager
Processors	Assorted MS DOS machines IBM RS 6000 Stratus XA2000/160/130, XA600	Data General 7800/XP, 4000/XP ModComp Classic II Wang VS5E, VS65, VS85, VS100
Operating Systems	AIX UNIX (Berkeley) VOS (Stratus) Windows Windows NT4.0	MS-DOS ViewTrax (ModComp) VS (Wang) Windows NT3.51
Languages	Actor 4.03 Borland C++ DataFlex (4GL) dBase III+ SQLWindows SQL (Sybase - Stratus) Stratus Macro Language Sybase APT (4GL Event Driven) Turbo Pascal (OOP) dBase for Windows UNIX C IntraBuilder	APT-SQL (Sybase) COBOL (Wang) DataFlex v3.0 (OOP) Delphi 1.0 -> 5.0 PowerBuilder Stratus C with extensions Superbase 4 DML Turbo C / C Turbo Pascal for Windows Visual Basic 1.0 -> 6.0 Wang Procedure Language
Databases	DataFlex (4GL) Oracle Superbase 4 Watcom SQL Server Paradox	dBase III+ Gupta SQLBase Sybase InterBase SQL Server 6/ 7/2000/2005
Communications	ALC SDLC X.25 TCP/IP	Asynchronous SNA X.29
Networking	Ethernet Wang Packet Switching X.29 PADS X.25 dedicated network	Novell with ArcNet cards Wang SNA Internet
Education	1980 Higher School Certificate – Equivalent Caboolture State High School – Queensland 1981 Commenced Australian Environmental Sciences Course Griffith University – Queensland 1997 Diploma of Clinical Hypnotherapy New South Wales School of Hypnotic Sciences 1998 Bachelor of Psychology with Honours University of New England	
Courses	BrainBench Delphi Programmer Housley OSI & Networking Protocols MTE Advanced 'C' Programming Stratus Systems Operations SYBASE – APT Workbench SYBASE - Performance and Tuning SYBASE – Using Data Windows TIAS 9 day Premier Course UTS Object Oriented Concepts	TAFE – Foundation Photography Housley X.25 Networks Stratus Systems Administration Superbase 4 Developers Training SYBASE - FastTrack to Sybase SYBASE - Systems Administration SYBASE – FastTrack to PowerBuilder 7.0 Wang VS Systems Administration Master Coach
Accreditation	Student Member – Australia Psychological Society Associate Australian Computer Society	

WORK HISTORY - Permanent

Company	Sage MicroPay Chatswood, <i>New South Wales</i>	
Dates	October 2006 – August, 2008	
Position	Senior Analyst Programmer / DBA	
Environment	Pentium	
Operating System	Windows XP	Windows Small Business Server
Languages	Delphi 5/6/7	SQL
Databases	SQL Server 2000 / 2005	MSDE
Other	FileMaker Pro 5.5/7.0	Test Complete 3, 4 & 5
Reporting to	Technical Manager	
Duties	General development using Delphi and SQL Server on multiple projects. Application testing using Test Complete 5 & 6 from QA Database administration and upgrade development Maintenance of one of Sage's payroll solutions - Meridian including enhancements and bug fixes. Database administration including the writing of a fully SQL driven database merge utility with on the fly scheme regeneration and the including of rule based and non-rule based relationships between tables.	

WORK HISTORY - Contract

Company Video Ezy Australasia Limited
Rosehill, *New South Wales*

Dates May 2005 – October 2006

Position Senior Analyst Programmer / DBA / Project Manager

Environment Pentium

Operating System Windows XP Windows Small Business Server

Languages Delphi 5 SQL

Databases SQL Server 2000/2005 MSDE
Reporting Services

Other Photoshop Illustrator
FileMaker Pro 5.5/7.0 Filemaker Mobile
Test Complete 3 MS Project

Reporting to Owner

Duties General development using Delphi and SQL Server on multiple projects.

Application testing using Test Complete 3 from QA

Database administration and upgrade development for SQL Server 2000 and 2005.

Database migration from SQL Server 2000 to SQL Server 2005 with the inclusion of reporting services.

Maintenance of Video Ezy's flagship POS software EzyRetail including enhancements and bug fixes.

Maintenance of an online transaction and reporting system for order processing using ASP.NET and an SQL backend.

3rd level help desk support.

Project management of a small development and support team.

WORK HISTORY - Contract

Company	Baseware Australia Pty Ltd <i>Blacktown, New South Wales</i>	
Dates	September 2002 – May 2005	
Position	Senior Analyst Programmer / Mentor	
Environment	Pentium	
Operating System	Windows XP	
Languages	Delphi SQL	Visual Basic PowerBuilder 8 + PFC
Databases	Sybase 12	SQL Server 2000
Other	Photoshop FileMaker Pro 5.5/7.0	Illustrator Filemaker Mobile
Reporting to	Owner	
Duties	General development using Delphi and SQL Server. General development with PowerBuilder and Sybase. Database administration and installation of MS SQL Server 2000 and Sybase. Database administration and installation of MySQL on Windows. Using FileMaker: <ul style="list-style-type: none">• Develop systems for the maintenance of GMIC devices for gaming machines.• Develop easy to use front-ends to import existing Access data periodically.• Provide interfaces to Symbol SPT-1550 handheld devices.• Pilot study for small library with web access for catalogue looking.	

WORK HISTORY - Contract

Company	eBet Gaming Systems <i>Auburn, New South Wales</i>	
Dates	August 2001 – September 2002	
Position	Senior Analyst Programmer / Product Specialist	
Environment	Pentium & Xeon Equipment	
Operating System	Win NT 4.0 Server / Workstation Windows 2000 Server / Professional	Win95/98
Languages	Delphi SQL	Visual Basic
Databases	Paradox Engine	SQL Server 6.5/7/2000
Other	Photoshop FileMaker Pro 5.5	Illustrator
Reporting to	Technical Officer	
Duties	<p>Maintenance of existing software products including a Membership system for Hotels and Clubs and a touch screen kiosk and patron information terminal.</p> <p>Implementation of object oriented design procedures and design patterns to reduce future rework while still maintaining backward compatibility.</p> <p>Cross-training existing Delphi programmer in OO technologies.</p> <p>Evaluate and recommend process software such as Rational RequisitePro, Rose and RUP.</p> <p>Design and specification of existing and new systems.</p> <p>Training of technical support staff in SQL techniques and internal products.</p> <p>Redesign and code a Kiosk application to include the awarding of vouchers for bonus point redemption.</p> <p>SQL Server DBA activities for the generation of upgrade scripts, allocation of resources, backup regimes, security issues and other related activities. This also included the development of SQLServer plug-ins for backup, restore and snapshots.</p> <p>Interface to custom designed Gaming Machine interface units using TCP/IP and serial communications.</p> <p>Founding member of the OH&S workplace safety committee.</p> <p>Re-evaluate and implement triggers and stored procedures for the maintenance of data integrity and performance.</p>	

WORK HISTORY - Permanent

Company	NSW Health Department <i>North Sydney, New South Wales</i>	
Dates	March 1997 – August 2001	
Position	Senior Analyst Programmer / Project Manager	
Environment	Pentium Equipment	
Operating System	Win NT 4.0 Server / Workstation Windows 2000 Server 9.0	Win95/98 MacOS
Languages	Delphi ASP	PowerBuilder 7.0 & 8.0 Java
Databases	Paradox Engine Sybase SQL Server	InterBase Adaptive Server Anywhere
Other	MS Transaction Server MS Index Server RMI ISYS Desktop 6	MS Queue Server MS SNA Server CORBA
Reporting to	Various	
Duties	<p>Analysis, Design, Coding, Implementation, Distribution and Training for the following Delphi applications:</p> <ul style="list-style-type: none">• Maintenance of data, letter generation, reports and graphs.• Data extraction and importation, database synchronisation and data massaging.• Transfer of data from NSW Health to the NSW Police Department.• Transfer of data from NSW Health to the Commission for Children and Young People. <p>Convert all of the above applications into PowerBuilder 7.0 and then migrate to PowerBuilder 8.0 to provide better integration to Sybase 11.9.2 and Sybase 12.0.</p> <p>Install and maintain 4 Compaq rack mount servers for database, internet, file and print serving and development/testing.</p> <p>Create backup procedures for the 4 servers and provide instructions to operators.</p> <p>Provide DBA duties for Sybase - Adaptive Server Enterprise & Adaptive Server Anywhere</p> <p>Design, create and maintain several Sybase databases and replicated Adaptive Server installations.</p> <p>Manage CIS enabled databases between firewalls for replicated external access.</p> <p>Design, write and maintain administrative programs for the maintenance of databases.</p> <p>For the Criminal Records Investigations System</p> <ul style="list-style-type: none">• Create all web pages and components.• Design, create and maintain Sybase databases• Design, create and maintain Sybase SQLAnywhere Databases.• Design, write and maintain all CGI programs written in Delphi 3• Design, write and maintain all ASP programs.• Provide general support to training staff.• Advise other Government Agencies on various committees regarding technical aspects of inter-agency data exchange protocols and methodologies. <p>Liaise with other government agencies regarding legislative changes and impact.</p> <p>Update concept trees and indices for ISYS.</p>	

WORK HISTORY - Contract

Company	Boxes Objects Links Design Pty Ltd BOLD <i>Surry Hills, New South Wales</i>	
Dates	September 1996 - November 1996	
Position	Technical Director	
Environment	Pentium Equipment	
Operating System	DOS Win NT 4.0 Unix	Windows Win95
Languages	Delphi Borland C++	MS Visual C++ IntraBuilder
Databases	Paradox Engine Sybase	InterBase
Other	Cisco Router Ascend P-50	3Com Hubs
Reporting to	Directors	
Duties	Provide technical assistance to internal technical support staff and selected customers. Provide pre-sales technical support, consultation and product guidance to potential customers. Write applications and utilities to enhance internal business processes. Conduct training courses on selected products both internally. Provided technical knowledge to design team for Web sites. Provide HTML knowledge to design team for Web sites. Provide JAVA knowledge to design team for web sites.	

WORK HISTORY - Permanent

Company	Borland International (Australia) Pty Ltd <i>Sydney, New South Wales</i>	
Dates	November 1995 - September 1996	
Position	Senior Systems Engineer - Development Products	
Environment	DX4/66 Pentium Equipment	PC-Clones
Operating System	DOS Win NT Unix	Windows Win95
Languages	MS Visual Basic Delphi Borland C++ Paradox for Windows SQLWindows	MS Access Basic MS Visual C++ Visual dBase for Windows PowerBuilder
Databases	Visual dBase Paradox Engine Sybase	MS-Access InterBase SQLServer
Other	Cisco Router ISYS Desktop 4	3Com Hubs
Reporting to	Marketing Manager	
Duties	Assist in the allocation of funds for marketing projects, determine market focus, requirements and directions. Provide technical assistance to internal technical support staff and selected customers. Provide pre-sales technical support, consultation and product guidance to potential customers and Value Added Resellers. Maintain registers for Beta programmes. Write applications and utilities to enhance internal business processes. Present seminars, workshops and lectures to promote products. Conduct training courses on selected products both internally and externally.	

WORK HISTORY - Contract

Company	Australian Mutual Provident Society (AMP) <i>Parramatta, New South Wales</i>	
Dates	January 1994 - November 1995	
Position	Analyst / Programmer Inter-Project Liaison	Database designer / Administrator Technical Manager
Environment	DX4/66	IBM S38
Operating System	DOS CICS	Windows VMS
Languages	Visual Basic Delphi	MS-Access Basic MS-Visual C++
Databases	DB2 Paradox Engine	MS-Access
Other	MicroHelp VBTools4 MS Word for Windows Code.Print	VB Compress PVCS for Visual Basic PVCS
Reporting to	Team Leader	
Duties	<p>Assist in the redefinition of the specifications for the New Business Workbench and the Business Process Re-Engineering project.</p> <p>Provide ad-hoc training and knowledge transfer to other members of the team as well as members of other teams.</p> <p>Perform general coding as required for the roll-out of the project. This includes unit testing, test plan creation and string testing.</p> <p>Write Remote Procedure Call (RPC) routines to communicate with the host systems to obtain and store data.</p> <p>Act as an interface between all projects to allow for consistent coding and naming standards.</p> <p>Assist other programmers in optimising their code for both resource usage and speed.</p> <p>Review other programmers code for naming standards, coding standards, clarity, efficiency and algorithm implementation.</p> <p>Administer, maintain and normalise the data models for the workstations and include referential integrity, primary key definitions and utilities.</p> <p>Write validation and underwriting rules in C++ for General Insurance capture.</p> <p>Write a bug tracking system using Delphi for the collections and reporting of maintenance issues and roll-outs.</p>	

WORK HISTORY - Contract

Company	Commonwealth Bank of Australia <i>Sydney, New South Wales</i>	
Dates	October 1994 - December 1994	
Position	Analyst / Programmer Database designer User interface designer Prototype Designer	
Environment	Pentium 60	
Operating System	DOS OS/2	Windows Windows NT
Languages	Visual Basic	MS-Access Basic
Databases	SQLServer	MS-Access
Other	MicroHelp VBTools4 MS Word for Windows Help Magician Code.Print	VB Compress PVCS for Visual Basic ReportSmith
Reporting to	Team Leader	
Duties	<p>Develop a prototype for flow and aesthetics to be presented to the Business Unit Management. Displayed examples of screen layouts and dialogue flow.</p> <p>Assist in the implementation of the LAN environment and establishing development directory structures.</p> <p>Assist in the evaluation and recommendation of development tools and additional software requirements.</p> <p>Develop and implement Visual Basic naming conventions and coding standards to allow for easy code maintenance by multiple programmers.</p> <p>Provide SQLServer database administration services during the initial setup of the project.</p> <p>Provide OS/2 LanManager administration services during the initial setup of the project.</p> <p>Develop a series of generic routines and module to allow for consistent coding between team members.</p> <p>Write SQLServer stored procedures to enhance the Visual Basic front-end performance.</p> <p>Provide advice to the DBA regarding structure and other technical issues particular to SQLServer and Sybase.</p> <p>Develop an application to maintain all code tables required for the Data Warehouse being created for the purpose of credit risk reporting.</p>	

WORK HISTORY - Contract

Company Commonwealth Department of Human Services and Health
Woden Town Centre, Australian Capital Territory

Dates June 1994 - September 1994

Position Analyst / Programmer
Internal Problem Resolution Consultant
Help designer
Database designer
User interface designer

Environment 486/66 IBM compatible

Operating System DOS Windows
OS/2

Languages Visual Basic MS-Access Basic
Enfin MS C/C++
PowerBuilder Excel VBA

Databases Gupta SQLBase MS-Access

Other MicroHelp VBTools4 MicroHelp VBXRef
MS Word for Windows DEC Teamlinks
MicroHelp VBViewer MicroHelp High Edit 2
Help Magician

Reporting to Project Manager

Duties Develop a Telephone / Services directory using Visual Basic and MS-Access. Analysis, design, coding and documentation.

Develop a CD-ROM network connectivity tool for running CD-Server based applications. Analysis, technical design, coding, cross-training and documentation.

Provide technical support on Windows programming concepts to programmers using Paradox for Windows, Visual Basic, Enfin and Excel VBA.

Develop optimisation procedures to minimise network traffic when using the Telephone / Services directory.

Develop a utility to terminate a Rumba application upon completion of a task. Analysis, design, coding and documentation.

Develop a generic floating toolbox to allow for user-customising. Analysis, design, coding and documentation.

Miscellaneous tasks relating to the general business requirements of the Department. Technical recommendations, software evaluation and testing, programming tool evaluation and testing

WORK HISTORY - Contract

Company	Australian Television Network - ATN-7 <i>Epping, New South Wales</i>	
Dates	February 1994 - June 1994	
Position	Analyst / Programmer Prototype designer User interface designer	
Environment	486/66 IBM compatible	
Operating System	DOS	Windows
Languages	Visual Basic PowerBuilder	MS-Access Basic SQLWindows
Databases	Gupta SQLBase	MS-Access
Other	MicroHelp VBTools4 MS Word for Windows	MicroHelp VBXRef Novell NetWare
Reporting to	Project Manager	
Duties	<p>Convert a Human Resource Management System (HRMS) written in Visual Basic from a Q+E data bound application into one which would use an in-house API for the acquisition and deposition of data into a Gupta SQLBase NLM based data server.</p> <p>Assist in the appraisal of additional contractors for the HRMS and payroll projects. This included personal and technical assessment of applicants.</p> <p>Produce prototypes using PowerBuilder, SQLWindows, and Visual to determine their effectiveness within the working environment.</p> <p>Develop several in-house utilities for data management on the SQLBase server and source code contention locking software for Visual Basic projects.</p> <p>Develop and implement coding standards, review meetings and technical discussion groups.</p>	

WORK HISTORY - Contract

Company	Progressive Impact Corporation <i>Shah Alam, Malaysia</i>	
Dates	September 1993 - November 1993	
Position	Project Coordinator Trainer Prototype Designer	
Environment	486/66 IBM compatible	
Operating System	DOS	Windows
Languages	Superbase 4 PowerBuilder	Visual Basic SQLWindows
Databases	MS-Access	Gupta SQLBase
Other	Microsoft Project	
Reporting to	Managing Director	
Duties	Train staff and students of Institute Technology Mara in Superbase 4 programming. Train staff and students of Institute Technology Mara in Visual Basic Produce a prototype for Petronis, Malaysia's largest oil refinery, using Visual Basic, Superbase, PowerBuilder and SQLWindows. These prototypes were for the capturing, processing and isolation of problems in relation to underground and undersea pipes. The four environments were being used to determine the most appropriate development tool. Design project plans for Petronis based on each of the prototypes.	

WORK HISTORY - Contract

Company	Object Technology Pty Ltd <i>Melbourne, Victoria</i>	
Dates	September 1993	
Position	Analyst / Programmer Prototype Designer	
Environment	486/66 IBM compatible	
Operating System	DOS	Windows
Languages	Actor	
Reporting to	Managing Director	
Duties	Produce a prototype for Caltex Hong Kong to control petrol pumps and CRIPS (Card Reader in Pump). Included: <ul style="list-style-type: none">• Interfacing to a non-standard keyboard.• Interfacing to specific card reader software.• Interfacing to petrol pumps.• Providing a non-mouse driven Windows user interface with function key activated menus.	

WORK HISTORY - Contract

Company MLC Life Insurance
North Sydney, New South Wales

Dates March 1992 - June 1992

Position Analyst / Programmer
Prototype Designer
Sybase DBA

Environment 486/66 IBM compatible
Sun Workstations
IBM RS-6000

Operating System DOS Windows
IBM AIX SunOs

Languages PowerBuilder SQLWindows
C Shell Korn Shell
Bourne Shell

Reporting to Project Managing

Duties Provide DBA services to the project team working on the Work Flow and Imaging projects.
Assist in the conversion from PowerBuilder to SQLWindows for the front-end component of the project.
Investigate and implement backup procedures for the database and provide documentation.
Write UNIX (AIX) scripts to automate the backup procedures.
Working closely with the development team, normalise the database to provide a more efficient and useable data set.
Provide cross-training to DB2 DBA's on the function, optimisation and general working of Sybase.

WORK HISTORY - Contract

Company	ATOM Development Company Pty Ltd <i>Sydney, New South Wales</i>	
Dates	September 1991 - February 1992 July 1992 - August 1993	
Position	Project manager Analyst / Programmer Prototype designer Concept designer Documentation and layout consultant CBT Designer User interface designer Database designer	
Environment	486 IBM compatible	
Operating System	DOS Novell NetWare	Windows
Languages	Superbase 4 PowerBuilder	Visual Basic SQLWindows
Databases	Superbase 4 Ingress	MS-Access Sybase
Other	Word for Windows Quark Xpress for Windows Adobe Illustrator	Help Magician PageMaker
Reporting to	Managing Director	
Duties	<p>Assist in the conceptualisation of a Human Resource Management System (HRMS) which allowed for a peer-to-peer staff rating scheme to be applied to several different functional aspects of an incumbents position. This approach is very similar to function point analysis of software.</p> <p>Produce data models, functional specifications, design documents and other related material for the commencement of the project.</p> <p>Develop a prototype for the project using Superbase 4.</p> <p>Develop the product to first release stage using Superbase 4. Analysis, design, coding and programmer documentation.</p> <p>Write the user manual, conceptual design document, research notes summary, consultant training manual, user training manual.</p> <p>Produce layout documents of the above including the production of graphics and colour design. Included the production of film ready documents for printing.</p> <p>Design the manual cover and arrange for screen printing of documentation binders.</p> <p>Write text for CBT and produce CBT program using Visual Basic. Included the production of graphics, design and layout.</p>	

WORK HISTORY - Contract

Company	S & N Software Development Pty Ltd <i>Fairfield, New South Wales</i>	
Dates	July 1991 - September 1991	
Position	Technical Product Manager	
Environment	Connect 386 / 33	
Operating Systems	DOS	Windows
Languages	Superbase 4 Turbo Pascal	Visual Turbo C / C++
Databases	Superbase 4	Sybase
Reporting to	Managing Director	
Duties	Promoting Superbase 4 as a Windows Development Tool	
	Develop a Real Estate Management Package for Rental Properties. Analysis, Design, Coding, Documentation, and Distribution.	
	General Office Supervision and shop-floor management.	
	Provide secretarial training.	

WORK HISTORY - Contract

Company	Sycomp Pty Ltd <i>North Sydney, New South Wales</i>	
Dates	March 1991 - July 1991	
Position	Senior Analyst Programmer	
Environment	IBM RS-6000	
Operating System	AIX (UNIX)	
Languages	APT-SQL UNIX C	Transact-SQL PowerBuilder
Databases	Sybase	
Other	DB-Library	APT-Library
Reporting to	Managing Director	
Duties	Maintenance of primary product. Analysis, design and programming of product enhancements. Analysis and design of PC -> DB graphical interface. Programming of DB Server process for PC Interface. General system maintenance. Implement source code control and revision control. Write Sybase utilities to ease programming effort. Document the system and provide training services to customers	

WORK HISTORY - Full-time

Company	Travel Industries Automated Systems Pty Ltd <i>Sydney, New South Wales</i>	
Dates	July 1988 to March 1991	
Position	Computer Systems and Database Administrator In-house PC Consultant Programmer/Analyst	
Environment	Stratus XA2000, XA600	Data General 7800/XP & 4000/XP
Operating Systems	ModComp	8088/80386
	VOS	MS-DOS
	Novell	MVS
	ViewTrax	
Languages	Turbo C	Turbo Pascal
	VOS C with extensions	Sybase
	Oracle	Stratus Macro Language
	Transact-SQL	
Databases	dBase III+ DataFlex 3.0/SDK (OOP)	DataFlex 2.3b
Communications	SDLC X.29 PAD	X.25 ALC
Networking	Novell with ArcNet cards	X.25 dedicated network
	ALC dedicated network	
Reporting to	Technical Manager	
Duties	<p>Maintain and monitor system performance. Includes writing collection utilities. Some of which were written in Sybase.</p> <p>Analysis, design, development, implementation, testing, and documentation of in-house utilities.</p> <p>Perform preventive maintenance to all hardware.</p> <p>Maintain software release registers.</p> <p>Creation, maintenance, implementation, documentation, and training of database applications (DataFlex & Sybase)</p> <p>Perform daily validation of statistics collected by in-house applications using Sybase.</p> <p>Process monthly billing statistics using Sybase. Includes optimising processing procedures and set up additional conversion utilities.</p> <p>Rewrite existing dBase III customer database in DataFlex 2.3b.</p> <p>Rewrite 2.3b DataFlex applications in DataFlex 3.0 (OOP).</p> <p>Rewrite existing Sybase applications to make use of the features available in the new release of Sybase.</p> <p>Install new Operating System releases across all platforms.</p> <p>Monitoring and reporting of usage activity for software applications, including statistical analysis, peak performance monitoring and down-time reporting.</p> <p>Creation, monitoring and maintenance of back-up procedures.</p> <p>Maintain Security procedures on all machines.</p> <p>Maintain Software for X.25 networking project.</p> <p>Analyse and rewrite new X.25 networking software.</p> <p>Write and test Data General to Stratus file conversion utilities for Ticketing Project</p>	

WORK HISTORY - Part Time

Company	Prestige Executive & Management Services <i>Parramatta, New South Wales</i>	
Dates	June 1989 - December 1989 (Part-time evening)	
Position	Consultant Analyst/Programmer	
Environment	IBM PS/2 Model 70	
Operating System	XENIX	MS-DOS
Languages	DataFlex (Multi user)	Turbo Pascal
Reporting to	Owner	
Duties	Analysis, design, programming, implementation, documentation and training of a Personnel Services Management Package including General Ledger Accounts Payable Accounts Receivable Write manuals and provide training.	

WORK HISTORY - Contract

Company Sashalom Pty Ltd - Sydney
Sydney, New South Wales

Dates January 1988 to July 1988

Position Analyst / Programmer

Environment Wang VS5E, VS65, VS85, VS100

Operating Systems Wang VS

Languages COBOL PACE

Reporting to Chief Consultant / Owner

Duties Analysis, design, programming, implementation and training of a Trade Marks Database System:

- Extensive customer liaison
- Program testing and maintenance
- On-going system maintenance
- Documentation and user manuals
- Staff training and support
- Rewrite a Management and Accounting Package (DATISI) from DataPoint DataBus to Wang VS COBOL

WORK HISTORY - Part-time

Company	Shelston Waters Pty Ltd. - Sydney <i>Sydney, New South Wales</i>	
Dates	August 1987 to July 1990	
Position	Consultant Analyst Programmer	
Environment	Wang OIS140 Vector CP/M	Wang PC Compaq 386 PC
Operating Systems	OIS MS-DOS	CP/M
Languages	Wang Glossary	DataFlex 1.6
Communications	SNA/SDLC	
Networking	Wang SNA	
Reporting to	Administration Manager	
Duties	Analysis, design, programming, implementation and maintenance of software particular to Patent, Trade Mark and Design management. Patent Renewal Trade Mark Tracking System File Tracking Design Renewal System Registration System Install and maintain an SNA/SDLC link to Canberra for on-line searching facility. Provide additional support to the existing Systems Administrator. Includes technical information documentation and training.	

WORK HISTORY - Full-time

Company	Arthur S Cave & Co - Sydney <i>Circular Quay, New South Wales</i>	
Dates	October 1986 - November 1987	
Position	Computer Systems Administrator	
Environment	Wang VS65	Wang PC's
Operating Systems	VS	Wang-DOS
Languages	COBOL DataFlex 2.3b	Paradox 2.0
Networking	Wang SNA	
Reporting to	Administration Officer	
Duties	<p>Extensive liaison with Wang Consultants to determine hardware and software requirements and installation procedures.</p> <p>Business requirements analysis in consideration of office automation system. Word processing, monitor arms, anti-glare screen and other equipment.</p> <p>Systems' performance monitoring during initial 6 months of installation including problem diagnosis and resolution.</p> <p>Liaison with Wang technical staff for problem determination.</p> <p>Database administration including data integrity maintenance, formulating backup procedures and policies.</p> <p>Establishment of word processing glossaries, templates and automation mechanism to increase productivity.</p> <p>Software installation and release maintenance.</p> <p>Evaluation, purchase and installation of additional hardware and software.</p> <p>Internal staff training and support</p> <p>On-going user support</p> <p>Staff recruitment</p> <p>Introduction of Bar Coding for File System Tracking and file location.</p> <p>Analysis, design, programming and implementation of a Data Collection and Security Package for an EHT-10 hand-held bar code scanner.</p> <p>Development of programs for:</p> <ul style="list-style-type: none">◆ Error detection and notification◆ Error logging for statistics◆ Previous location cross-checking◆ General file tracking◆ Download programs to the VS65◆ Installation of an SNA/SDLC communications link and software	