

## Résumé

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*Justin Magraith is a hands-on project manager and system architect with a proven history of delivering complex, high-value systems. This includes extensive experience in the areas of project management and system architecture.*

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### ***Personal***

<b>Name:</b>	Justin Magraith
<b>Date of Birth:</b>	17 <sup>th</sup> April 1969
<b>Nationality:</b>	Australian
<b>Education/Qualifications:</b>	Bachelor of Science (Computer Science/Economics), Australian Defence Force Academy, ACT (1989). Post Graduate Diploma in Applied Computing, Central Queensland University, QLD (1995).

## **Employment (Current Employer)**

**2002 – Present:**    **Systemic Pty Ltd**  
                          198 Hampden Rd, Nedlands

*Position:*                Project Manager

### **Department of Education and Training (Identity and Access Management)**

*(2005 - present)*

Justin is now leading the implementation of an enterprise-wide Identity Management solution for the Department. This involves areas such as unique identifiers for staff and students, automated user provisioning and the implementation of an enterprise directory service.

This project also includes the implementation of the Sun Identity Manager system into a very large organisation. This has required extensive liaison with technical consultants supporting the product and knowledge sharing with some of Australia's largest companies who also use this product.

*Position:*                Implementation Manager

### **Department of Education and Training (Portal Project)**

*(2004)*

Justin assisted the Department of Education and Training with the implementation of the Portal Project. Justin was responsible for the successful implementation of new Portal-based services, such as WebMail, Calendaring and other collaborative services, across the Department.

*Position:*                System Architect

### **Data Alert Services**

*(2002 - present)*

Justin is the System Architect for the Data Alert Services project. This role involved taking the project from concept through to Beta Trial stage. The initial design was carried out with the client, then taken to the development team who built the system using an iterative approach over the ensuing 10 months. For this project, Justin was also responsible for setting up the Systemic application framework and overall development approach. This project has recently been successful in securing seed capital to take it through customer trials and into commercial operation.

*Position:*                System Architect

### **Mobile Dialogue**

*(2003 - present)*

Justin is the System Architect for the Mobile Dialogue online billing application. Again, this project has involved extensive user liaison to agree system requirements and the overall leadership of the solution development team. This project entered production in February 2004.

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## **Employment History**

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**1997 – 2003:**        **DMR Consulting**  
                          15/191 St Georges Tce, Perth, W.A.

*Position:*                Service Delivery Manager

### **DMR Perth**

*(2003)*

Justin was the Service Delivery Manager for the DMR Perth location. This involved regular project reviews with the DMR project managers and mentoring of project managers. Justin was also required to troubleshoot projects which required additional support.

*Position: Project Manager*

**WAPS TRELIS Project**

*(2002 - 3)*

Justin was required to take on the management of the DPI TRELIS project, for the WAPS components of TRELIS. This involved managing a WAPS team of 6 and close integration with the DPI TRELIS project team.

TRELIS was the Department of Transport's full redevelopment of its Licencing applications.

*Position: Coach/Mentor*

**Project Management Coach**

*(2002)*

Part of the DMR/WAPS Partnership involved the management of application support activities, as well as the delivery of major projects. Justin was appointed to the role of Project Management Coach for the Application Services area of WAPS to help improve the general project management capability of managers in the area. This role included heavy involvement in the set-up of new projects, mentoring of new project managers and on-going support and guidance of the projects.

*Position: Practice Stream Leader*

**Systems Delivery Practice Stream Leader**

*(2002 - present)*

Justin was given the role of Practice Stream Leader for the Systems Delivery stream within DMR Perth. This is a part-time role which includes input into annual reviews, promotions, training course selection, assignment selection for consultants and ad-hoc mentoring.

*Position: Project Manager*

**SWAT Team (WA Police Service)**

*(2001-2)*

Justin was included in a 'SWAT' team created by WA Police to address some critical issues surrounding the emerging infrastructure environment. The SWAT team was responsible for defining and implementing a new server architecture for the Police applications currently in production and due for implementation. The team included technical architects from DMR and CSC, and production support personnel from WAPS. Justin was responsible for coordinating multiple workshops between the affected parties and facilitating outcomes agreeable to all involved.

*Position: System Architect*

**Universal Provider Index (InfoHEALTH Alliance)**

*(2001)*

Justin was responsible for the Universal Provider Index project for the InfoHEALTH Alliance. This involved system architecture and project coordination. The project involved extensive requirements gathering from the many diverse stakeholders within the health community. A system design was created and the project was taken over by the federal HealthConnect electronic health record initiative.

*Position: Project Manager*

**Commercial Agents System Redevelopment (West Australian Police Service)**

*(2001)*

The Commercial Agents Squad of the West Australian Police Service approach DMR with a critical problem its core business system. No other vendors were willing to help, so Justin developed a proposal to redevelop their system within the funding constraints. This project delivered a system which has allowed the squad to continue functioning as before and address new opportunities made possible with the new technology.

*Position: System Architect*

**Child Care Licensing System (Family and Children's Services)**

*(2001)*

Family and Children's Services required a design phase to be carried out for one of their obsolete systems. Justin was responsible for requirements gathering with users, design of a custom-built

solution and evaluation of a number of package options. A final recommendation was made as to the most appropriate solution for FCS.

*Position: Technical Architect*

**Major Projects Integration (West Australian Police Service)**

(2000)

A number of new applications within the West Australian Police Service DCAT program were experiencing difficulties with interface standards and approaches. Justin was brought in to resolve conflicts which had arisen between various parties and facilitate the introduction of a new interface environment.

*Position: System Architect*

**Service Provider Management Information System (Family and Children's Services)**

(2000-2001)

Justin was responsible for the negotiation of the re-start of the SPMIS project for Family and Children's Services. This project experienced difficulties due to significant scope increases and was suspended while the project and its business case could be re-examined. Justin was responsible for the completion of the design phase, then subsequent redevelopment of the business case with the client.

*Position: Development Manager*

**Community Health Information Management Enterprise, Sydney, NSW**

(2000-2001)

Following the successful completion of the CHIME design phase, Justin managed the development of CHIME. This involved the general management of the development team and design teams. CHIME was delivered to UAT early, with a high level of acceptance by the client.

*Position: Design Team Leader*

**Community Health Information Management Enterprise, Sydney, NSW**

(1999-2000)

Justin was responsible for leading the design of CHIME. This involved creating the detailed design to comply with the established system architecture where required, and designing new sub-systems not covered by the architecture. The design phase of CHIME required the constant involvement of the client's user representative who were engaged via daily workshops.

Justin was also required to control the scope of the project, and ensure effort and schedule deadlines were met. The design phase experienced considerable scope change (30% of project size) and some growth, and was delivered under budget.

*Position: Team Leader*

**SAP Data Conversion (Hamersley Iron)**

(1998-1999)

A major component of the Hamersley Iron \$30M SAP Implementation was the conversion of data from existing systems. Justin was responsible for ensuring the required data from over 40 separate applications was transferred into the new SAP systems. A team of 8 technical specialists was formed to carry out the conversions from a varied array of technical platforms.

This assignment included the design of a data repository, and appropriate data query applications, to retain all legacy data, once the legacy systems were decommissioned.

The project involved leading the technical team which carried out the data conversion, and liaising with the SAP project team members responsible for identifying data conversion requirements. In most cases a SAP module was replacing up to four separate legacy systems, resulting in very complex data conversion and merging processes.

*Position: Project Manager*

**Year 2000 Program (Hamersley Iron)**

(1998)

Justin was responsible leading a project which covered the Year 2000 assessment, remediation, testing and implementation of all Hamersley Iron custom written applications. This involved a total of 50 applications written in SQLWindows, PowerHouse and Visual Basic/Access, and a team of 8 developers.

Extensive liaison with the Hamersley Iron stakeholders was required as the custom applications were in use by all parts of the business. A very flexible and creative approach was required due to many

pressures placed on Hamersley Iron. These pressures included other Year 2000 initiatives (e.g. SAP implementation) and a restructure which resulted in staff reductions of 15% across the organisation.

*Position: System Architect*

**Application Architecture Project (Family and Children's Services)**  
(1998)

Justin was responsible for the delivery of a project to define the technical application architecture for the department of Family and Children's Services. This project involved the building of prototype systems which verified whether the Internet technologies selected could deliver the required functionality. Extensive user involvement was required to verify the usability of the various options. Recommendations were made as to the appropriate options for the department, taking into account expected future trends, user preferences and ongoing cost implications.

*Position: Project Manager*

**Land Project (Valuer Generals Office)**  
(1997)

Justin was appointed the role of Project Manager for the Valuer General's Office Land Project. This involved a detailed design study and the subsequent building and testing of the Land Project. This project was the core of the VGO system redevelopment project which was ultimately highly successful.

**1995 – 1997: ADI Limited**  
**22 Stirling Hwy, Nedlands, W.A.**

*Position: System Architect*

**Headquarters Integrated Air Defence System**  
(1996-1997)

Justin and his team won the Malaysian Headquarters Integrated Air Defence System Project valued at over \$2M. He took on the role as System Architect/Integrator for the project. His tasks included leadership of the overall system design, management of an 8 person Development Team, coordination of System Test, Technical Publications and Development Teams, and management of the full software life-cycle including requirements analysis, design, development, testing, installation and customer acceptance.

During this period Justin led the installation team which installed and tested the system in Malaysia and Singapore over a one month period. A further 6 site visits were carried out over the course of the project.

*Position: Technical Architect*

**Prototyping Team**  
(1996)

Justin began work on a project tender for Malaysian Headquarters Integrated Air Defence System where his tasks included the evaluation and prototyping of Oracle's new Developer 2000 toolset.

The tender included an operational demonstration system which was presented to the customer in Penang, Malaysia in March 1996.

Justin also completed additional tasks for the benefit of other ADI Projects. They included trial and evaluation of Oracle's Symmetric Replication facility and performance tuning of Oracle 7 databases.

*Position: Software Engineer/DBA*

**Electronic Warfare Command Support System**  
(1995)

Justin commenced work with ADI Ltd, Command and Control Information Systems on their Electronic Warfare Command Support System as a software engineer. The environment he worked with consisted of Sun Sparc 10 hardware, SunOS Unix, ArcInfo GIS and Oracle6.

Justin was appointed to the role of Oracle Database Administrator for the project. The Electronic Warfare Command Support System was completed on schedule.

**1987 – 1995: Royal Australian Air Force**

*Position: Programmer/Analyst*

***Air Defence Software Development Unit, Newcastle, NSW  
(1994-1995)***

Justin commenced work with the Software Development Unit (SDU) to lead a project to upgrade the software running in the three RAAF Air Defence Operations Centres. Justin's operational background in the Air Defence branch and qualifications contributed to the success of the project which was implemented for the yearly Air Defence exercise 'Pitch Black' conducted in the Northern Territory. Justin received special commendation from the Air Commander Australia for his efforts in delivering a complex upgrade to the mission critical system within a tight timeframe, despite the fact that many previous attempts had failed.

Justin was then given the highly sought-after posting to the U.K. to fly with the U.K. AWACS aircraft as part of Australia's preparation to establish an AWACS capability. The minimum rank of Flight Lieutenant was waived for Justin's case. Justin declined this offer to pursue a civilian career.

*Position: Air Defence Controller*

***No. 3 Control and Reporting Unit, Newcastle, NSW  
(1992-1993)***

Justin was posted to No. 3 Control and Reporting Unit in January 1992 to undergo training as an Air Defence Controller. After the course Justin commenced duties which involved tactical radar operations with the Tactical Fighter Group (TFG). During this time Justin also took on the role of Mission Programmer for the 4 TFG squadrons based at Williamstown. This role included scheduling and liaising with the squadrons to enable efficient use of the Williamstown airspace for air combat training operations. Justin was also involved in a number of ground defence exercises which involved the command of 30 person sections in combat training environments.

*Position: Student Pilot*

***RAAF Pilots Course, Melbourne, Perth  
(1990-1991)***

Justin commenced RAAF Pilot's Course in April 1990 after completing a three month Combat Survival course in Townsville, QLD. Pilot's Course was carried out at Point Cook, Victoria and Pearce, Western Australia. During the course Justin was instructed in General Flying, Aerobatics, Navigation, Formation Flying, Instrument Flying and Airmanship. Justin failed an Instrument Flying test near the end of the course at RAAF Pearce.

*Position: Officer Cadet*

***Australian Defence Force Academy, ACT  
(1987-1989)***

In 1987 Justin commenced a 5 year course which included an initial three year course at ADFA, followed by a 2 year pilots course. The ADFA course included general military and leadership training as well as a Bachelor of Science degree, in which Justin majored in Computer Science. During the course the cadets also gained their civilian Private Pilots licences.

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## **Training History**

ID Management Conference	AC Events	2006
<b>Presenter</b>		
Macroscopic System Architecture Phase	DMR Consulting	2002
Asia Pacific Practice Stream Leader Forum	DMR Consulting, Melbourne	2002
Managing Projects the DMR Way	DMR Consulting	2001
DMR Macroscopic System Development Methodology	DMR Consulting	2001
Estimating for Software Projects	DMR Consulting	2001
<b>Presenter</b>		
Estimating for Fixed Price Projects	DMR Consulting	1999
Oracle OpenWorld	Oracle	1997, 1998
WA Oracle User Group Conference	WA Oracle Users Group	1997
<b>Presenter</b>		
Introduction to Java Programming (SL-230)	Sun Microsystems, WA	1997
Advanced Oracle Forms 4.5	Oracle, Melbourne	1996
OO Analysis and Design	ADI, Perth	1996
Microsoft Visual C++	Microsoft, Sydney	1995

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*Private & confidential Systemic Pty Ltd 01/02/06*