

Richard David Kennard

www.kennardconsulting.com

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Career Summary

Richard is a highly qualified software architect with extensive experience in the complete software development life cycle across a broad range of technologies. Richard has developed software for all types of organisations, from local business to multi-national corporations in the United Kingdom, the United States, and Australia.

Academically, Richard graduated top of his year from the University of Nottingham, with a Bachelor of Science in Computer Science (Hons). He is currently studying a PhD in Software Engineering at the University of Technology, Sydney. Professionally, he is an active member of the Java community:



He serves on the Expert Group for JSR-299, a specification to unify Java Web application development, and was honoured at JavaOne 2006 for his contributions to the JDK.

In terms of technologies, Richard has developed everything from multi-tasking graphical operating systems in Assembler, to hydraulic tools tracking systems in Pascal, distributed spreadsheets in C++, and financial and pharmaceutical applications in Visual Basic. Richard's current focus is on Java EE, because of the clear cost and quality benefits it brings to small business.

Summary of Technical Skills

Skill	Proficiency
Java Technologies <i>including Java SE 5, Java EE 5, Tomcat 5, JBoss 4, JavaMail, EJB 3, Drools and Java Server Faces</i>	Very High
Microsoft Technologies <i>including C#, ASP.NET, DCOM, NHibernate, Log4Net and NAnt</i>	High
Web Technologies <i>including DHTML, JavaScript, XML, XSLT, and XSL-FO</i>	Very High
General Software Development <i>including the SDLC and Object Oriented Analysis and Design</i>	Very High

Qualifications

<i>Degree</i> (1993 – 1997)	B.Sc. (Hons) Computer Science University of Nottingham, United Kingdom First Class Honours
<i>Awards</i>	Awarded first place out of all Computer Science students
<i>Residency Status</i>	Australian permanent resident

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Professional Experience

I have worked in the U.K. (1992-1997), the U.S. (1997-2000) and Australia (2001-present):

Kennard Consulting

Software Consultants

Partner

April 2004 to present

Architected, implemented and delivered projects using a range of technologies, including:

Metawidget

Open Source library

- Intelligent User Interface widget that populates itself, at runtime, with components to match the properties of business objects

Contexts and Dependency Injection

Java Specification Request 299

- Served on the Expert Group defining the next generation of enterprise architectures

Thomson Reuters

Legal and Regulatory Publishers

- Web-services based news portal (JAAS/JSP/Struts/Cocoon/Castor)
- Intranet-based editorial tool (JSF/Hibernate)

Avant Solutions

Financial Benefits Consultants

- Superannuation reporting system (JSF/Cocoon/XSLT/EJB3/Drools/JavaMail)

Mastertek

Organisational Sensing Consultants

- Employee opinion surveys system (JSF/Cocoon/XSLT/EJB3/Drools/JavaMail)

Visible Results

Customer Relationship Management solutions

- Workflow application (ASP.NET/NHibernate/Log4Net)

www.play500online.com

Multi-player gaming site for the Australian card game 500

www.makeastorybook.com

Makes it easy for parents to create personalised storybooks for their children

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Professional Experience (continued)

Count Financial

Financial Advice Network

Manager of Software Development

August 2003 to June 2005

Managed all stages of the Software Development Life Cycle: analysis of requirements, research, budgeting, feasibility studies of tools, design, prototyping, task assignment, recruitment, team co-ordination, programming, testing, installation and demonstration. Produced documentation for project proposals, team procedures and board papers. Pioneered new technologies and best practices across the department, including:

- Transitioning from a 2-tier VB6 to a proprietary n-tier, IoC-based .NET architecture
- Job tracking and release management (Perforce)
- Automated regression testing and continual monitoring (QA Wizard)
- Automated code reviews (VB Law) and a team Intranet (OpenWiki)

Cards etc

Smartcard Management Systems

Senior Software Engineer

February 2001 to August 2003

Worked on the development of Arterium, the company's flagship smartcard management system, across a variety of projects, including:

- IDE and Software Development Kit (Swing/JFC), enabling third-parties to develop business-specific modules running atop our core product
- Open source Post Issuance Download 'reference implementation' (JSP/Struts/JDBC and Apache SOAP, together with Ant and JUnit), and accompanying documentation
- Decision Engine (algorithmically intensive, EJB-based system to decide optimal smartcard upgrade ordering and operation)
- Architecture, look and feel, and internationalisation of the User Interface (JavaScript/HTML pages rendered dynamically by an XSL stylesheet parsing a platform and language-neutral XML screen definition language)
- Prototypes of new architectures as part of the Next Generation design team

First American Lenders Advantage

Title Insurance

Manager of Software Development

October 1998 to April 2000

Managed all stages of the SDLC. Interviewed and grew the department from two to twenty (six system architects, three database administrators, five client managers and six network engineers). Successfully completed a variety of software projects, from one-day, one-man tasks to three-year, large-scale applications, encompassing mainly:

- WinTrack: A suite of applications built around multiple, linked SQL Server databases (each centralised and localised for their respective country, state in the U.S., or licensed partner), incorporating:

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Professional Experience (continued)

- a large-scale Visual Basic client for employees, partitioned into multiple ActiveX components, downloading pieces of itself on-the-fly from the company Intranet (via CAB files), dependant on which areas of the application were used
- an MTS/IIS/ASP/JavaScript Web-based thin client for customers, utilising a pool of DCOM components to enable live access to order status via ODBC/stored procedures
- document scanning repository and PDF delivery to enable a paperless office
- numerous electronic links to third-party systems and institutions, employing a broad range of interoperability methodologies, including DCOM, EDI, XML and MMQ
- SignTrack: A nationwide notary scheduling system, built upon SQL Server, with:
 - an MTS/IIS/ASP/JavaScript Web-based thin-client for both customers and employees
 - an interface to bi-directional pagers, allowing the system to contact notaries with requests for upcoming engagements, and notaries to confirm availability via their pager
 - integration with the corporate accounting application

Cityware

Application Consultants

Senior Consultant

April 1998 to October 1998

Covered businesses around Southern California consulting on Internet-based solutions.

Computer Solutions

Web Application Developers

Software Engineer

June 1997 to April 1998

Developed web sites and e-commerce solutions using a variety of technologies for a broad range of clients, from small shops (predominantly employing our proprietary SQL Server/Cold Fusion/CyberCash architecture) to multi-national corporations.

Soutron Ltd.

Corporate Library Applications

Software Engineer

February 1995 to July 1996

Designed and implemented the GUI for the company's next generation of corporate library systems using Visual C++ and the Microsoft Foundation Classes.

Integrated Hydraulics Ltd.

Hydraulic Parts Manufacturers

Programmer

February 1992 to September 1994

Engineered a DOS-based, multi-tasking GUI API and electronic company catalogue using C, Pascal and 80x86 Assembler.

References

Provided upon request.