

# Richard David Kennard

[www.kennardconsulting.com](http://www.kennardconsulting.com)

e-mail: richard@kennardconsulting.com

## Career Summary

Richard is a highly qualified software architect with extensive experience of the complete software development life cycle across a broad range of technologies. He brings an intelligent approach to software development, combining his attentiveness to customer needs with his passion for delivering a first class product.

Academically, Richard:

- graduated top of his year from the University of Nottingham, with a Bachelor of Science in Computer Science (Hons)
- received the University Award for Highest Academic Achievement in his field
- is currently studying for a PhD in Software Engineering at UTS
- has been published in multiple academic journals and papers. His work has been presented at international conferences and cited by other research groups and practitioners

Professionally, 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
- has clients including some of the largest financial institutions in Australia and the United States, and one of the leading enterprise middleware vendors in the world

Richard is also an active member of the Java community. He:

- served on the Expert Group for JSR-299, a specification to unify Java Web application development
- founded Metawidget, an Open Source software library to assist developers in building User Interfaces
- has spoken at high profile conferences, including JavaOne and Red Hat Summit, as well as local Java User Groups
- was honored at JavaOne 2006 for his contributions to the JDK

## Summary of Technical Skills

Skill	Proficiency
<b>Java Technologies</b> <i>including Java SE, Java EE, JBoss, Metawidget</i>	Very High
<b>Microsoft Technologies</b> <i>including C#, ASP.NET, DCOM, NHibernate, Log4Net and NAnt</i>	High
<b>Web Technologies</b> <i>including XHTML, JavaScript, XML, XSL-T, and XSL-FO</i>	Very High
<b>General Software Development</b> <i>including the SDLC and Object Oriented Analysis and Design</i>	Very High

## Qualifications

*Degree*  
(1993 – 1997)

B.Sc. (Hons) Computer Science  
University of Nottingham, United Kingdom  
First Class Honours (awarded first place out of all students)

*Residency Status*

Australian citizen

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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/EJB3/XSLT/Cocoon/Drools/JavaMail)

### **Mastertek**

*Organisational Sensing Consultants*

- Employee opinion surveys system (JSF/EJB3/XSLT/Cocoon/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.