

RICCARDO BENNETT-LOVSEY

PROFILE

- Experienced software architect, technical lead and developer with an exemplary academic background and talent for high-technology business enterprise
- Clear and methodical thinker with a passion for robust design, able to balance short-term requirements with long-term business objectives

KEY TECHNICAL SKILLS

- Mentoring
 - Produced and delivered numerous internal workshops, training and knowledge-sharing sessions
 - Co-organiser of the **Software Architect and Mentorship** Meetup
- Development (hands-on)
 - **C#, VB.NET, SQL, C/C++, LINQ**, Java, Perl, PHP, Python
 - **.NET (Full/Core/Standard), WPF, WCF, MVVM, PRISM, MEF, IoC, TPL, Multi-threading**
 - Knowledge of **Open Source/Free Software Licensing** and **Copyright Law**
- Design and Architecture
 - **OO & SOA, REST API, Relational Databases, NoSQL, Design Patterns**
 - **Multi-tier and Microservice Architecture, Cloud (Azure, AWS), the IDesign Method**
- Tools and Techniques
 - **Visual Studio, Expression Blend, SQL Server, NUnit, MSTest, VS Code**
 - **Telerik UI for WPF, DevExpress, NMath**
 - **CI/CD, VSTS, TFS, Mercurial, Git, Subversion**
 - **Agile, SCRUM, Kanban, Rational Unified Process**

PROFESSIONAL EXPERIENCE

[June 2017 – Current]

Big Radical

Technical Architect and Strategist

- **Technical lead** and **project manager** during rapid development and break-through workshops for large and medium-sized corporate clients
- **Strategic evaluation** of architectural approaches, platforms, and technologies for client proposals

[March 2015 – May 2017]

The App Business

Senior Architect

- **Technical and design lead** on numerous discovery and delivery projects for large corporate clients
 - Primary owner of all facets of technology, covering **Client-Server, Cloud, and Mobile** development
 - System and business architecture, documentation, design review and validation, requirement gathering, business logic, architectural workflows, construction planning and process, training and mentoring
- **Strategic evaluation** of solution options, platforms, and technologies for client solutions
- Spearheaded internal and client recruitment pipelines for technical leads, architects, and senior developers

[May 2013 – March 2015]

Palantir Economic Solutions

Senior Developer/Software Architect

- Senior developer and software architect on flagship product from company's second generation of enterprise economic modelling solutions for the oil and gas industry
- Team lead/Architect on **Multi-tiered** desktop solution for modelling economic Monte-Carlo simulations
- Full stack **Agile** development, utilizing **.NET 4.5, NMath, WCF, WPF, Telerik UI for WPF, DevExpress, SQL Server, MEF, PRISM, MSTest** and **TPL**
- Evangelist for process improvement, architectural design patterns and high-quality documentation

[November 2008 – April 2013]

Orbis Investment Advisory Ltd

Senior Programmer Analyst

- Senior developer on solution to create internal client-layer for flagship retail product
 - Extensible and modular user platform for administering back-end services, utilizing **.NET 4.0, WPF, MEF, PRISM, NUnit** and **Multi-threading**
- Spearheaded several **Agile** projects enhancing review, tracking and delivery of external client reports
 - Designed and built **Multi-tiered SOA** components to service dozens of users worldwide, utilizing **.NET 4.0, WCF, WPF, SQL Server** and **Multi-threading**
 - Systems successfully scaled over 500% and regularly process over 10,000 recipients per month
- Co-founder of cross-team **Developer** and **Architecture Forum**
- Original author of company guidelines for handling **third-party component and library** licenses

[October 2005 – October 2008]

Imperial College London/Equinox Pharma Ltd

Entrepreneur and Software Developer

- Co-ordinated early stages of company development as part of **BBSRC/RSE Enterprise Fellowship** to commercialize academic intellectual property
- Contributed to original company business plan to secure **£½ million funding**
- Designed series of company **Standard Operating Procedures** for **Software Development, Revision Control, Software Configuration** and **Change Request Management**
- **Systems Administrator** for company **CentOS GNU/Linux** server farm, including 1.5 terabyte RAID **Samba** file server and **Apache2** web server

EDUCATION

[1998 – 2001]

University of Cambridge

MA (Cantab) BA (Hons) – Natural Sciences (Biochemistry) 2.1

[2001 – 2002]

University of York

MRes – Bioinformatics

[2002 – 2005]

Imperial College London

PhD DIC – Bioinformatics

[2005 – 2006]

University of Dundee/RSE

MBA – High-technology Enterprise and Entrepreneurship

OTHER ACTIVITIES

- Home-networking and bespoke HTPC systems
- Extreme chili pepper sauces and recipes

- Blues and Jazz harmonica
- Education and science in politics
- GNU/Linux and other Open Source/Free Software

REFEREES

- "...a great architect, veteran of the [IDesign] Method and mentor to many" – Juval Löwy (Microsoft Software Legend)
- Further details available on request