

# 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

---

- Development
  - **C#, VB.NET, SQL, C/C++, LINQ, Java, Perl, PHP, Python**
  - **.NET, WPF, WCF, MVVM, PRISM, MEF, IoC, TPL, Multi-threading**
  - Knowledge of **Open Source/Free Software Licensing** and **Copyright Law**
- Design and Architecture
  - **Object-/Service-oriented Design, Relational Database Design, Design Patterns**
  - **Multi-tier Solution Architecture, Cloud Architecture (Azure, AWS), the IDesign Method**
- Tools and Techniques
  - **Visual Studio, Expression Blend, SQL Server, NUnit, MSTest, Eclipse**
  - **Telerik UI for WPF, DevExpress, NMath**
  - **TFS, Mercurial, Git, Subversion**
  - **Agile, SCRUM, Rational Unified Process**

## PROFESSIONAL EXPERIENCE

---

[ March 2015 – Current ]

### 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 internal documentation
- Produced and delivered a number of internal training and knowledge-sharing sessions

[ 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 and software 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
- Produced and delivered a number of internal training and knowledge-sharing sessions

[ 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
- Produced and delivered numerous internal training and knowledge-sharing sessions

[ 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