

LANCE WALTON

SKILLS

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| LANGUAGES | Java, C/C++, XML, SQL |
| PLATFORMS | Windows 2000 & NT, Unix (Linux, Solaris, Mac OS X), Eclipse |
| IDES | Eclipse, IntelliJ |
| PRODUCTS & APIS | J2EE (EJB, JDBC, JMS, JNDI, Servlets), Eclipse RCP, Spring, JSP, Struts, Velocity, Swing, AWT, Hibernate, OpenSymphony WebWork, OSWorkflow, JUnit, Apache and Jakarta technologies, JBoss, Oracle, Sybase, MySQL, ANTLR, Maple, Matlab |
| TECHNIQUES | XP, Scrum (Certified Scrum Master), Agile Development, CMM, OOA/OOD, Design Patterns, Test Driven Development |
| OPEN SOURCE PROJECTS | EclipseMetrics , Jedi , InvariantJ , Tane Eclipse Refactorings , AllThing |
| INTERESTS | Functional Programming (Haskell, Lisp, Scala), Neural Networks, Genetic Algorithms, Self Organising Systems |

EXPERIENCE

Eighteen years leading edge software experience in financial markets, investment banking, health services and research

- Thirteen years advanced Java architecture, design and development
- Mentoring and advising in OO, Java and internet technologies
- Fourteen years experience in software process improvement including Agile Methods (Scrum – I am a Certified Scrum Master, and XP) and CMM
- Team leading, XP Coaching, Scrum Master, Retrospective facilitation
- Presenting and evangelising on Agile Methods both in-house and on a consultative basis

UBS

04/2008-03/2009

SENIOR ANALYST/PROGRAMMER, SCRUM MASTER, XP COACH

I helped to design and build an Order Management System for the wealth management group, replacing a 17 year old system that had become difficult to maintain and support. I was bought in for both Java development expertise and Agile Methods skills. The team adopted Scrum for project management and XP practices for technical work.

This system was put into production six weeks before the end of my contract with *no* reported issues during that time. It continues to be evolved by the in-house team I helped to train.

I also facilitated regular iteration and release retrospectives for 4 other teams.

CASUAL MIRACLES LTD

04/2007-PRESENT

DIRECTOR, CONSULTANT

Casual Miracles Ltd is a new consultancy that offers experienced development teams, team leaders and project managers. I have been involved in several pieces of consultancy to date:

- **HCL Properties** aggregates data about residential properties in the UK to establish whether they are on the market or not. The information is sold on to payment service companies and potentially the valuation office. We helped HCL Properties implement a proof of concept application suite that helped them secure major contracts with a number of clients.

- Helping to develop a floorplanning application for the **Foxtons** estate agency using Swing.
- Auditing an existing codebase for a large financial institution and making recommendations for correcting the issues found. This work has been successfully completed and the client is currently implementing the recommendations.
- Designing and implementing a Java API and Eclipse application on behalf of **ComplyServe** for the DOORS requirements management system. This work was delivered in February 2008.

BNP PARIBAS

03/2004-04/2007

SENIOR ANALYST/PROGRAMMER, XP COACH, TEAM LEADER

I was a team leader and XP coach for 3 applications related to Credit Risk. All three applications were developed by a team of 10 developers using eXtreme Programming (XP) and were released every two to four weeks. Technologies used include Java, Hibernate, Spring, Tapestry, Velocity, Swing, OpenSymphony WebWork, OSWorkflow, Junit and Sybase.

My role covered analysis, architecture, design and implementation. I also provided XP coaching and team leadership. Since starting with this team, I significantly improved the non-technical XP practices (release planning, iteration planning and the writing of user stories) and introduced better estimation methods, resulting in a much more controlled and productive process.

FUSIONDQ LTD

06/2003-03/2004

PROJECT MANAGER, ARCHITECT, PROGRAMMER

FUSIONDQ LTD developed a novel, high performance, lightweight data-quality product comprising a Java server, pluggable database layer, client API and an Eclipse RCP user-interface. I was jointly responsible for architecture, design, implementation and project management of the product with a team of four developers. Most of my work focussed on analysis, design and implementation of an object model to represent the problem domain and also, a simple declarative, domain-specific language to allow users to specify the problem to be solved.

DEUTSCHE BANK

09/2002-04/2003

ANALYST/DEVELOPER

I was engaged by Deutsche Bank to advance their FX e-commerce platform by designing and implementing a client and reference data management system for their FX+ trading system, and to integrate an older fixed income dealing system with the FX e-commerce platform. *Profit & Loss* awarded this system **Best Order Management** and the **White Label Award** in 2003.

I also advised senior management on Agile practises to enhance the existing development process.

CAPCo

07/2000-04/2002

ARCHITECT, DESIGNER, SENIOR DEVELOPER

My initial role at CapCo was to continue the development of the company's Straight Through Processing (STP) system. Later, I took part in building a more robust and scalable solution, taking the role of Technical Architect and later focussing on the domain model which I designed and built. In addition, I successfully introduced agile methods to the team.

KIZOOM LTD

02/2000-06/2000

DEVELOPER

Kizoom is a UK based software company developing location-aware applications and technology for the mobile wireless internet and produced the world's first personalised WAP service.

My personal contribution to this project was the co-design and development of a personalized real-time alert service that allows users to receive up to the minute information about train services.

This software makes extensive use of Java Servlets, Java Server Pages and Enterprise JavaBeans and Oracle Advanced Queue.

BUPA

09/1999-02/2000

ANALYST / PROGRAMMER

My task at BUPA was to architect, design and code a web based rostering and billing system to be used in over 400 care-homes throughout Britain. The purpose of this is to unify and centralise the existing paper based process.

This involved the development of two Swing components for the rostering GUI, an XML application to facilitate the exchange of data between the various parts of the distributed system, assisting with the database design and coaching the rest of the team in iterative software development methods to ensure correct and timely delivery.

OBJECTIVE COMPUTER SYSTEMS LTD

01/1999-09/1999

CONSULTANT

My assignment was in Silicon Valley working with WhiteLight Systems Inc., one of the leading OLAP server vendors. The aim of this project was to produce a bespoke web based position analysis and management system for a major investment management company. I assisted with the development of both the Sybase and OLAP models. The project was produced with a heavy emphasis on evolutionary delivery.

REUTERS LTD (CLIENT SITE TECHNOLOGY GROUP)

06/1997-12/1998

SENIOR PROGRAMMER

My role with the Client Site Technology Group was the development of JavaBeans components for visual editing of many standard Java data types and some common proprietary data types used in Reuters. This work involved the design, coding and testing of the components.

In addition to development duties, I undertook the Software Quality Assurance function of the Software Engineering Institute's Capability Maturity Model.

REUTERS LTD (REAL TIME TECHNOLOGY GROUP)

12/1994-06/1997

SENIOR PROGRAMMER

As a member of the Real Time Technology Group, I was responsible for the development and support of the Concentrator Manager (CMG), a key part of Reuters Integrated Data Network.

EDUCATION

UNIVERSITY OF KENT AT CANTERBURY PhD in Neural Networks **1990-1994**

Development of a novel self-organising neural network called the 'Gello Model'.

UNIVERSITY OF KENT AT CANTERBURY BSc (2:1) Electronic Engineering **1987-1990**

PERSONAL DETAILS

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References Available upon request