

Warrell Harries
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Professional Objective

Warrell is a highly experienced senior software developer and technical architect specialising in E-Commerce projects. These have been delivered using Web-Sphere, Java, Oracle, SQL-Server, Dot-Net and XML/XSLT technologies. The latest solutions have addressed the CRM and E-Government agenda of West Sussex County Council. He also has a wealth of experience of delivering successful business solutions across a broad spectrum of commercial business sectors including the Oil & Gas, upstream and downstream units.

He is a dynamic and self-motivated person with a committed approach to delivering projects. Warrell has a flair for problem solving and is experienced in creating detailed requirement capture documents. He is an excellent facilitator and has a proven track record of leading client workshops and can develop a deep understanding of customer business processes. With first-rate team leadership skills, he has personally built & managed highly successful teams of up to 15 people & provided the overall technical lead within the project team.

Warrell has a proven track-record as a J2EE practitioner with over 5 years working on delivery-focused large scale projects using WebSphere, XML and J2EE technologies. He is able to draw upon his very strong technical development background and also upon his extensive up-to-date knowledge of the information technology marketplace.

With excellent communication & documentation skills, Warrell has demonstrated his outstanding ability to deliver clearly written, well-authored and audience focused documents.

Warrell is an exceptionally strong team leader. His careful negotiation skills, strong interpersonal abilities and his keen management of client expectations have played an important part in delivering business improvement.

Business Skills

Technical Architecture: Experienced in implementing Service Oriented Architecture, Whole project lifecycle from proposal & business case through feasibility, requirements analysis, process analysis, solution design & specification, build (governance), testing & implementation, benefit realisation tracking, Prince II, MS-Project, SSADM.

Structured Methods: Waterfall (SSADM, IE), iterative component based (RAD, Use Case/UML), PRINCE II and workshop techniques for facilitating business improvement and change management..

Business Sectors: Oil & Gas (downstream), Transactional Web mediated credit card systems, Financial Markets & real time data feeds, Utility Supply & Distribution, Building Societies & Mortgage Lending, Government & Public Sector.

Key Projects: Development of Refinery Management System for CalTex Oil, Contact Centre & CRM for West Sussex County Council, E-Commerce web site development & support, Utility Supply & Distribution, Deregulation of the Utilities sector, Risk-Metrics Transactional Scenario Modelling, E-Government Planning and Implementations, Highways and Transport Network CRM.

Technical Skills

Languages and Software: Java, RDF, EntireX, Jena, WebSphere 3.5-5.x, J2EE, Servlets, JSP, PL/SQL, Transact SQL, XSQL, C++, XPath, C, JMS, MS/MQ, XML, XSL, HTML, CSS, Docbook, JINI, CORBA, RMI, RPC, Apache HTTPD, Tomcat, iPlanet, Jetty, JDBC, Swing, AWT, Unix systems programming, JNI, Ant, Struts, WebSphere 3.5-5.x, WSAD, Fuego, Service Oriented Architecture, XMLSpy, Cocoon version 1.x-2.1, MS Office 2003.

Databases: Oracle 9i Enterprise, SQLServer 2000, Sybase, Tamino XML Server, EntireX Integration Server, MySQL.

Methodologies and Practices: XP (Test-First and Re factoring), Design Patterns, Unified Modeling Language (Booch et al.), Unified Process (Jacobson et al.), RUP, eXtensible Process Definition Language, SSADM.

Platforms: Linux, Solaris, HP/UX, Irix, Windows 95/98/NT/200x/XP, Sun/SPARC.

Employment History

Technical Architect/Senior Software Developer

West Sussex County Council <http://www.westsussex.gov.uk>

December 2002–Present

Contact Centre and CRM Technical Architecture - from technical prototype through BPE to production integrated system delivery and operational commissioning, Warrell has fulfilled the hands-on technical architect and chief programmer role.

Technical leadership of development work using time-boxed (RAD) rapid prototyping & development solutions.

Management of client expectations and concerns within existing Web and Database clusters.

Management of creative and technical Web development teams.

Procurement & management of 3rd party outsourcing for selected component solutions.

Projects:

- Delivery of an application architecture and software that supports a 60 seat call-centre capable handling all of the Counties service lines.

Delivery of a Jena/RDF framework to retrieve content from the County document archives based on arbitrary user queries.

- Delivery of a bespoke photographic image repository. The web application uses Oracle 9i XML/DB and Java advanced imaging functionality to deliver images from the County Record Office archive over the public internet. Image capture workflow is managed by the Enhydra Java/XML workflow engine executing XPDL generated by the JAWE process editor.
- Delivery of a data migration and cleansing workflow application that mediates the transfer of Social Services data from the mainframe system. All legacy data is transformed to XML and mapped to the new application data-model. This application engine infers familial relationships using a bespoke rule-base. Data discrepancies are rendered to an intranet for on-line remedy.

Development Leader

Danet GmbH <http://www.danet.de>

January 2002–December 2002

Delivery of a WebSphere 4.1 J2EE global E-Billing CRM system for the Telecoms giant Cable and Wireless. The JSP, Servlet, XML and XSLT core application interfaces with XML and XSLT driven messaging and reporting subsystems to deliver the customer experience. Warrell designed and wrote the enquiries component, application and database build and configuration sub-systems. The system is deployed into a clustered fail-over resilient managed environment using the ANT configuration management and build system. Warrell built custom ANT tasks and JUnit modules to fully automate the build, test and deploy cycle.

Technical Architect/Team Leader

Jobsite Worldwide <http://www.jobsite.co.uk>

December 2000–December 2001

Warrell was responsible for the successful development and deployment of an extranet to support customers and sales staff. The Model 2 architecture employs Java Server Pages, Enterprise Java Beans, XML, JSP Tag libraries and JavaScript to implement an extensible, robust and rapid B2B application. Warrell also developed and deployed WebStart distributed Java-Swing WorkFlow client applications. All applications use an enterprise wide LDAP based single sign-on iPlanet directory server based bespoke LDAP service developed to overcome the problems of multiple user account administration.

Projects:

- Warrell developed a web-spider that found job vacancies advertised on the web. These sites were then processed by an integrated programmable editor. Users load in a page from the target site and record a sequence of editing operations to extract the desired information. This sequence can then be replayed automatically on the rest of the site's pages. If irregularities in the pages are discovered during this process, the program can be paused and amended to cope with the new input.

Principal Developer/Technical Architect

Scottish and Southern Electricity

May 1998–December 2000

Warrell was responsible for delivering a suite of Oracle, Java, JSP, RMI, VB, AIX and Web applications to give SSE competitive advantage within the newly opened Electricity Supply and Distribution markets. Warrell was also responsible for the total system management of market domain data throughout the

company and pioneered the development, deployment and adoption of an intranet so that user of reference data was coordinated.

Senior Software Engineer

Dow-Jones Markets

September 1996–April 1998

Warrell developed a variety of intranet and extranet sites and applications for Dow Jones Markets. My roles included production and development DBA for Sybase and SQL Server; Java development of a RiskMetrics modelling tool; VC++, Active Server pages development and a trading game.

Lead Developer

IBM UK

February 1995–August 1996

Warrell was a lead Smalltalk developer on the core billing components of the CRM system that is now used by the major UK Utility companies.

Technical Architect and Principal Developer

AMEX Europe

1994–1995

As the architect, lead developer and DBA Warrell developed a workflow application that re-engineered the legacy data capture department. The system was prototyped using VisualWorks SmallTalk and developed in C/C++ for DBLib and Sybase under AIX.

Technical Architect and Principal Developer

Nomura Research Institute

1993–1994

Warrell was lead developer on the core Smalltalk VisualWorks and GemStone components of the FX Trading desk. Warrell was responsible for delivering the risk-management components, GemStone interfaces and design for the business object architecture.

Technical Architect and Principal Developer

Rothschild International Assurance

1990–1993

Warrell developed Smalltalk and Sybase applications for the production of personal finance investment illustrations, actuarial modelling activities and client accounting business processing.

Principal Developer

Bodervale Ltd

1984–1990

Warrell developed and managed many and varied Unix, OS/2 and Windows software engineering projects.

Education

MSc in Micro-Processor Engineering, May 1984

Brighton University

BSc (Hons) in Neurobiology, May 1980

Sussex University

Publications

- Object Technology in the Enterprise *Real world experience: Objects and Legacy Systems* - Xephon Consultancy Report 1994

References

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