



SPECIALIST PROFILE

Personal Details

<i>Reference:</i>	OU2433
<i>Job Title:</i>	Websphere Message Broker Developer
<i>Nationality:</i>	British
<i>IT Experience:</i>	15 years
<i>Qualifications:</i>	BSc (Hons) Computation HND Computer Studies ITIL Certified

Overview

Architecture and Products:

AIX, APACHE TOMCAT, BEA TUXEDO, BEA WEBLOGIC, CANDLE COMMAND CENTRE, CHORDIANT, CICS, COMMERCEQUEST PROCESS MANAGER, CONNECT:DIRECT, DB2, E*GATE, HP-UX, ICL VME, IMS, ITIL, JAVA EE, JAVAMAIL, JDBC, JMS, JNDI, LDAP, LINUX, MICROSOFT CLUSTER SERVER, MQI, MQSERIES, MQSI, MYSQL, OMEGAMON, ORACLE, OS/390 (MVS), OS/400, QPASA!, RED HAT LINUX, SEEBEYOND, SNA, SOLARIS, SUSE LINUX, TANDEM, TCP/IP, TIVOLI, TIVOLI NETVIEW, UNIX, VERITAS CLUSTER SERVER, VMS, WEBSHERE APPLICATION SERVER, WEBSHERE MESSAGE BROKER, WEBSHERE MQ, WINDOWS, Z/OS (MVS).

Programming Languages:

C, COBOL, HTML, J2SE, JAVA, JCL, PASCAL, UML, XML.

Specialist Experience:

MQ systems administration on AIX.
MQ design, evaluation and support.
Message Broker design and development.
MQSeries application programming.
Solutions definition and design.
MQSeries and MQSI development.
Middleware infrastructure design and implementation.



Summary

July 2010 - present

The banking client has embarked upon a large scale migration of all their payments systems into one. Their chosen engine is the Fundtech GPP platform. The bank has created, with the help of IBM, a stateless, event-driven, high throughput, integration architecture. It is planned that this integration architecture will be used throughout the bank for other applications, so the effort of designing and developing it will be useful for any future integration requirements. For the GPP solution, volumes are expected to be 2000 messages per second. Extensive use is made of XML Style Sheets (XSD) as “contracts” between end systems and GPP although these will not be used in production as they would slow performance too much. Rather they are used for validation during development. Use of a number of Canonical Message Formats is made, to minimize transformation overhead whilst inside the integration layer. As a broker developer my role is one of developing new flows and also fixing bugs.

Sept 2009 - July 2010

Working in the Messaging and Transformation team. Supporting the roll-out of new broker-based audit capability across the globe. Also responsible for working with IBM in developing a bespoke API-exit for MQ to allow messages to be duplicated transparently for subsequent replay into the ESB. Working with Message Broker, MQ, and iWAY on Linux platforms (RHEL).

May 2009 - Aug 2009

In this ESB-Developer role I designed and developed Message Broker flows for Trade and Order management, linking and transforming messages between the various Decision Making Tools (DMTs), such as Thinkkolio, Sophis, Minerva, using FIXML and standard XML. A development I was responsible for was Intraday price updates between the DMTs.

July 2008 - April 2009

This was a very interesting, pure software development engagement, helping develop the next release of the SWIFT based product from IBM called WBI-FN. WBI-FN is built on top of Message Broker and MQ and WAS. The two aspects of my responsibility where to analyse, document and enhance a set of java and eSQL broker plug-in modules. The second, and major, aspect was to develop, for the new WAS component of WBI-FN, the Java modules required to talk to message broker flows to gather Security and Configuration information.

January 2007 - June 2008

The focus of the team was to architect, design, implement and support, the messaging systems in their delivery of web-based, SSL secured, highly available, solutions that linked to the mainframe applications and databases to full-fill key business solutions. This was achieved using a combination of WAS-ND (Network Deployment), Chordiant Framework, MQ, Message Broker and LDAP technologies. I was also involved with the Fundtech Faster Payments solution, delivering the middleware to support their payments engine.

October 2005 - December 2006

I worked for the MQ team who had a particular emphasis on world-wide middleware architecture, design and development. HSBC have the largest MQ Clustering solution I have ever worked on, it being a truly global solution. One of my main projects was assisting in the development and roll-out of the Fundtech Global Pay Plus Platform for high value payments, underpinned by MQ, Tuxedo, WAS, and DataStage TX with Oracle.



B & M SkillSource
expertise for enterprise systems

October 2001 - October 2005

Working as a Senior Consultant, specialising in WebSphere MQ technologies, and our MQ-based file movement and BPM products. I was involved in a number of challenging assignments. Most notably I spent six months developing an Enterprise Java middleware solution for a major Telecom's client in the USA.

September 1995 - September 2001

1999 - 2001

I worked in the Middleware Group developing MQ and Message Broker solutions. The focus of the team to design, develop and deploy middleware technologies throughout the Bank within a consistent and secure architecture. Initially the MQ architecture was hub and spoke and Broker was used for SWIFT payment processing.

1995- 1999

I joined and completed the four year, Graduate Development Programme.

Academic Achievements

BSc (Hons) Computation 2i

As well as programming in languages such as C, Pascal, COBOL and Smalltalk, course modules included: Data Communications; Requirements Methods, and Conceptual Modelling. Methodologies included: UML, OOA, OOD, JSD, ERM and DFD.

Diploma in Business Administration

Completed and passed this employer sponsored (Barclays Bank) programme of four residencies covering the broad headings of Human Resources, Finance, Marketing and Strategy.

HND in Computer Studies

Seven Distinction and seven Merit grades were attained from the fourteen modules.

A-Level Business Studies

A two-year A-Level Business Studies course completed in one year at night school.

O'levels: Six passes including English (B) and Mathematics (B).

Other Skills & Training

Full UK driving licence. ITIL (Foundation) Certification. Valid UK Passport.
German - basic/ intermediate. French - basic/ intermediate.