

Summary

For past year I have been Senior Software Developer at Citco Fund Services developing bespoke software within the Aexeo Information Technology team. Prior to this I was Senior Software Developer at Accenture for 8 years. I have extensive experience in application development.

Extensive technical skills, with ten years experience of Java. (Sun Certified Java Developer) I have more than 20 years experience working the IT sector.

I have exposure to the full Software Development Lifecycle.

Highly qualified: I have a primary degree in Electrical Engineering and an MSc in Computer Applications.

My main interests are software development using Eclipse/Java/Spring/Hibernate and relational databases.

I have an interest in the financial industry with a Dip FM in Financial Management.

Work Experience

Job Title: Senior Software Developer

Employer: Citco Fund Services December 2012 to October 2013

Project: Cash Management Application

The role at Citco was to develop bespoke software for Cash Management.

My task was to develop new features such as Reporting and Reconciliation.

Reporting allowed reports to be deployed dynamically. Reporting on clients/funds/counterparties.

This is a J2EE project using Java, Oracle and Spring. New reports can be dynamically deployed.

Reconciliation feature calculated fund balances and net liquidity values and compared against different systems.

The system is used daily by Citco Fund Services to verify cash balances for clients such as Goldman Sachs.

The CashManagement system is a transactional system based on Java, Spring MVC, Spring JdbcTemplate, Hibernate, Websphere and .NET VisualStudio front end. Development using MyEclipse. Oracle and Sybase databases. The infrastructure included maven, JIRA, Bamboo, Artifactory.

Full software delivery life cycle from gathering requirements to design and development.

Achievements

More than 5 successful releases of the Cash Management software to production. Releases followed the Service Desk model with Change Orders and Release Management team.

Technologies Used

Java, Spring, Hibernate, MyEclipse, Maven, Oracle, Sybase, Websphere, EJB, Oracle SqlDeveloper, Oracle DataModeler, Spring OXM, .NET, VisualStudio, Artifactory, Bamboo, SVN, Windows, Solaris.

Job Title: Senior Software Developer

Employer: Accenture Ireland October 2004 to December 2012

Project: Data warehousing and Business Intelligence

During my time at Accenture I developed numerous applications. At Accenture I was placed at one of their main customers in Ireland: Revenue Commissioners. I was based in city centre at the client site and at the Accenture offices.

Apache Tomcat Portal

Within Accenture I was mainly based at the Revenue Commissioners Dublin city centre.

I has overall responsibility for the Business Intelligence capability at Revenue Commissioners.

For several years I developed web applications for Business Intelligence applications. The portal is used every day by more than 3000 users.

I was the main person responsible for this system which is used successfully daily with thousands of queries and reports.

The IT department follows the ITIL Service Desk model with Change Orders, Service Requests and Incidents.

Team Leadership

Team lead and Performance Reviews.

Updating plans and providing metrics reports

Full year and mid-year reviews and ratings

Providing technical guidance and advice

Creating Plans and Estimates

Property, Dividends, VAT Information Exchange, Rental Accommodation Scheme, Foreign Property Applications

I developed a number of application using Eclipse/ Java / Spring / Hibernate / JDBC / JSP / HTML / JavaScript

These are original web applications for use by the Revenue Commissioners users.

Applications connected to Ingres database. Source control was CVS.

Integration with Dun and Bradstreet, OneSource, Bureau Van Dyke

Interface to third party websites such as Dun and Bradstreet, OneSource, Bureau Van Dyke websites

Development of webservices using WSDL and soapUI

Bank Financial Suspicious Transactions Fidol II

I was on the team to develop the receipt and acknowledgement of "suspicious transactions" from Bank institutions.

This was a PKI Email solution to decrypt emails from Financial Institutions (PKCS and PGP)

This was a business critical part of the Revenue Commissioners suite of software and was used successfully daily to receive Suspicious Transactions (STRs).

Dimensional modelling

Jaspersoft/JasperAnalysis/JasperReports/Mondrian OLAP Cubes

Talend Studio Extract, Transform and Load

Extensive use of SQL and Ingres database

Search Performance: SQL Query Execution Plan

Columnar Database

Extensive use of Actian Vectorwise columnar database as backend to Business Intelligence applications and also applied to OLAP Cubes.

Managing the Infrastructure

Setting up of Test environments, Upgrade of environment, Tomcat and Java versions.

Developing support applications such as User Administration security application, Web log usage,

Monitoring of tomcat searches, Tomcat access log analysis, Troubleshooting any technical issues.

Name Address Matching

Development of large scale matching using and name/address/phone/email to match Revenue customers to 3rd party data sources.

Numerous sources were matched to build up a profile of customers and display this information on the Business Intelligence portal.

This was also used for the "Local Property Tax" and was instrumental in identifying owners of the 2 million residential properties in the country.

Third party software from Innovative Systems is used to perform the matching. Also I have used Talend DataQuality for matching.

Geodirectory GIS application

Integration of GIS into Revenue Commissioners

Development of GIS solution to display customer location on Google Maps integrated into the customer profile.

Address-only matching to obtain latitude/longitude.

GeoCoding customer addresses using Geodirectory, Google maps and Yahoo PlaceFinder

GIS application development using GeoXml3 and Google Fusion Tables for reporting purposes.

Achievements

- The Business Intelligence portal is a highly stable system and used daily by thousands of users. The system is a critical part of the Revenue Commissioners IT department. It is the most highly used of the IT systems.
- Quick turnaround of applications from requirements/design/development and deployment. Full software development lifecycle.
- In my time at Revenue Commissioners the Business Intelligence portal scaled from 20 users to more than 3000 users using the system every day.

Technologies Used

Java, Spring MVC, Spring Webflow, Hibernate, Maven, Ingres Database, SQL, XML, Business Intelligence, Apache Tomcat, JavaMail, Eclipse, SpringSource Toolsuite, JDBC, JSP, HTML, JavaScript, GIS, Google Maps, Name/Address matching, Business Requirements gathering, Technical Design, Functional Design, CVS, Talend, ETL, Batch jobs, Infrastructure planning, troubleshooting, Actian Vectorwise, OLAP, Query Execution Plans, Web Log Usage: Sawmill, Upgrades, Dimensional Modeling, Mondrian, JavaScript GIS application development, Ant, Junit, Hudson, Windows, Solaris.

Job Title: Senior Software Engineer

Employer: Interactive Enterprise Sept 1999 to Sept 2004

Nature of company: Developing broadband provisioning solutions

Interactive Enterprise was a Irish startup company specialising in the business of provisioning digital set-top boxes and services.

Role: Leading the Technical Architecture team

Development of Session Control, Transactions and scalability in custom-developed CORBA engine

Developed in C++ and Java

Oracle Database, Servlet, JSP

Python interpreter extensions.

Achievements

This was original development of the core middleware part of the product. It integrated with other components such as the business layer and the adapter layer.

Job Title: Senior Software Engineer

Employer: Informix Aug 1993 to Aug. 1999

Project : Developing Informix RDBMS Product Suite

Role: Senior Software Engineer

Platform engineering to re-platform Informix suite of products to Unix platforms such as Linux, HP-UX and Hitachi-UX

In depth knowledge of Unix Systems programming, pipes, sockets, tcp-ip, shared memory, IPC,

Database Server, Client, 4GL, Data Warehouse

C programming. Multi-threading.

Use of ClearCase source code control software.

Achievements

Good rapport with the team in California and daily working relationship.

Job Title: Software Test Engineer

Employer: Amdahl Jan. 1988 to Aug. 1993

Project: Test Automation

Role: Test Engineer and Software Developer

Development of Test Automation Software using product called Automator.

Installation of Sun Solaris workstations and development of GUI applications using X/Windows and OSF/Motif

Use of Amdahl Unix on mainframe.

Achievements

Development of automation software to streamline the testing process.

Educational Background

2007 Sun Certified Java Programmer

Sun Microsystems Prometric Exam

2004 ACCA Qualification in Financial Management: (part-time)

Dublin Business School

1990-1992 Postgraduate Education (part-time)

MSc Computer Applications

Dublin City University

1983-1987 Third Level Education

University College Cork

BE Electrical Engineering

2nd Class Honours Grade I

1978-1983 Secondary Education

Christian Brothers School

Midleton

Co. Cork

Interests:

I enjoy family holidays and some cycling

Paul Caffrey, 125 Maples Road, Wedgewood, Sandymount, Dublin 16
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References

I have excellent references available on request

Language Skills

Some French and German