Curriculum Vitae

Personal Details

**Full Name** Gary Reid

**Address** 54 Revelstoke Way

Rise Park **Mobile** 07754 828288

Nottingham Email: gazrsl@gmail.com

NG5 5AR

**Nationality** British

**Technical Experience**

- Java (Spring/ Spring Boot/REST/Web Services/Gradle/Hibernate/JPA)

- Git

- Agile

- Linux

- C / C++

- SQL Server

- Embedded SQL / Pro\*C

- HTML / CSS

- Oracle

- MySQL

- JavaScript (JQuery)

- MongoDB

**Employment History**

**Contracts**

**Java Developer Close Brothers Ltd March 2017 – August 2019**

My contract spanned several Agile projects for the Motor Finance division of Close Brothers based in Doncaster.

The last project was as part of a team that delivered a suite of Restful microservices to help to automate and improve the underwriting process allowing more proposals to be automatically accepted or declined. This included many externally exposed endpoints as well as internal microservices that were shared between different stories. We worked closely with Oracle developers, as some of the underlying systems we had to integrate with, modify or replace were legacy Oracle systems. The Oracle developers were also cross training, so we mentored them and pair programmed with them.

Another project was to develop a system to integrate our system with a new call centre where leads were sent offsite and responses sent back to the company.

Previous projects involved refactoring existing applications to Spring Boot micro services to allow functionality to be easily reused. These services were used in the projects that we later went on to develop.

***Skills Overview: Java 8, Spring Boot, Gradle, Junit, Git, Agile, JPA, Restful MicroServices, Camel, JMS (ActiveMQ)***

**Senior Java Developer DLA Piper May 2016 - February 2017**

DLA Piper are a global law firm. They had recently introduced the Concur Expense Management System, which allows the flexible online entry and recording of expenses. The project I was involved with was to integrate Concur with DLA Piper’s in-house accounting, HR and marketing systems. Expenses entered on Concur had to be reflected on DLA’s systems and employees on the Concur system have to be kept up to date with the local employee system. The project involved batch processes that made web service calls to bring back and process expenses from Concur, and message driven processes that monitor the in-house system and made real and batched web service calls to update the Concur System.

***Skills Overview: Java 8, Spring, Maven, Junit, Git, Agile, Hibernate, Restful Web Services.***

**Senior Digital Java Developer Department for Work and Pensions April 2015 – April 2016**

Based at the DWP Leeds Digital hub, this Agile project was to create a UI and interface for pension credit agents to access the Real Time Earnings of claimants provided to HMRC. This meant the DWP were no longer reliant on the claimants providing pay slips and so would reduce fraud and error. The HMRC data was made available through web services, that allowed Pension Credit to first subscribe to earnings for a particular person and then (once subscribed) to receive earnings data.

As one of the initial developers on the project my role was to help design the UI and the MicroServices we used to retrieve, display, log, audit and print the earnings details. I also mentored some of the apprentices that DWP enrolled, in coding, good practice and Agile.

***Skills Overview: Java, Spring MVC, Drop Wizard, MicroServices, Thymeleaf, Maven, JavaScript, JQuery, Junit, Git, GitHub, Agile, Mongo, Restful Web Services.***

**Java Developer Technophobia Ltd/G2G3 Digital August 2014 – April 2015**

G2G3 Digital (Formerly Technophobia and part of Capita)) is a specialist web application developer and systems integrator, based in Sheffield. They are also strong advocates of the Agile methodology and number Best Western, Sheffield City Council and Green Flag amongst their clients.

I was taken on as part of a team to author a new improved public website for the London Borough of Barnet. The project was managed using the Agile methodology, including daily standups, a physical board and tickets raised using Jira.

I was mainly responsible for the Directories and Events sub projects which connected to a Mongo Database. These were written as spring MVC web applications (Public and administrative). Directories are catalogues of services or places (eg Childminders, parks etc). Public users are permitted to submit suggested directory entries or events. These can then be checked and authorised by a system administrator. Once authorised these will appear in the relevant directory or list of events also represented by pins on a map (placed by the user).

Directories are configurable each having different fields and validation.

The main site has Magnolia CMS as its base, which we have extended extensively using Spring MVC and Thymeleaf templating.

***Skills Overview: Java, Spring, Thymeleaf, Magnolia CMS, Maven, JavaScript, JQuery, Junit, Git, GitLab, Agile, Mongo***

**Java Developer Learn Direct June 2014 – August 2014**

At Learndirect I was contracted as part of the team developing a platform for the administration, booking and delivery of computer based assessments. This was used to assess whether trainee teachers had passed qualifying literacy and numeracy exams as well as allowing the candidates to book these exams.

I was also involved in the development of a sub-system that retrieved test results from a third-party test delivery system. The results were fed into the Database of the core booking system. This data allowed the test history of potential candidates to be viewed and also allowed us to verify their eligibility to take/retake assessments.

***Skills Overview: Java, Spring, Thymeleaf, Maven, JavaScript, Junit, Agile, SQL Server, MicroServices, Drop Wizard***

**Java Developer Technophobia Ltd January 2014 – June 2014**

My first spell at Technophobia on the London Borough of Barnet websites as detailed above. This spell was concentrated more on the Barnet Intranet, which was used as the basis for the public website.

My duties involved work extending the Magnolia API and adding components to the CMS programmatically, as well as configuring Magnolia to author their intranet site.

The project was developed in an Agile environment from the outset. The team evolved from a scrum approach to more of a kanban approach under the guidance of a new scrum master.

***Skills Overview: Java, Spring, Thymeleaf, Magnolia CMS, Maven, JavaScript, JQuery, Junit, Git, Agile***

**Java Developer Close Motor Finance July 2013 – January 2014**

Close Motor Finance (part of Close Brothers) provide finance for cars, vans and motorcycles. Our team is responsible for developing a brand new customer portal site that allows customers to log in and manage their finance agreements.

The site is run in tomcat and developed in java using Spring, Spark, Thymeleaf and Google Guice.

The project was developed using Agile. I was brought in during the second iteration. One of my first stories was to design and develop the online payments functionality, integrating with the Worldpay payment system. This entails calling out to Worldpay, processing the call-back response that confirms the payment and styling the Worldpay payment pages.

The site allows users to request settlements quotes, amend the direct debit date, pay settlements and make additional payments etc. The portal is based on an Oracle database and also leverages processes written by the Oracle team.

My duties were to design, develop, test and code review. As a senior member of the team I also assisted in mentoring the junior developer in the team.

***Skills Overview: Java, Spring, Thymeleaf, Spark, Google Guice, JavaScript, JQuery, Junit, Oracle, Agile***

**Java Developer Wren Kitchens & Bedrooms December 2012 – March 2013**

Wren kitchens are a leading kitchen retailer. I to redesigned their Jasper reporting interface. The project was split into tasks which I, as the Java resource, would investigate, design and implement. The tasks included new flows, new screens and a new corporate theme. I also added the facility to export reports to the file system in PDF and/or Excel format rather than just being persisted to a Database, I also developed an interface to browse and display these reports and implemented an XML configured menu system.

***Skills Overview; Java, JSP, Servlets, XML (JAX-B), CSS, JavaScript, Spring, Spring Webflow*.**

**Java Developer Result Group Ltd February 2012 – October 2012**

Result Group is an international software house that develops rental software. The standard software uses Swing as the UI base, with the core system based around the Spring framework. The major project I was involved in was to add additional screens and project based functionality for a large company that hires out plant equipment. I worked from outline specifications and reported to the team leader. I also helped support this project. Another large project I worked on involved developing a new application that allows customers to register and then monitor and approve quotes (initially via an email link) that had been entered through a call centre. This project was written using Spring web flow and JSF. I was involved in the design, coding and testing for this project. There was also an ongoing project to migrate functionality on a per application basis from a legacy 4gl system to the Java system which I also worked on.

***Skills Overview: Java, Spring Webflow, Spring, Spring MVC, Swing, JSF, JavaScript, JQuery, Git.***

**Java Developer Software AG October 2011 – December 2011**

Software AG is an enterprise software house. I was part of a small team responsible for a major overhaul of an online payment system, primarily to communicate with a new card payment system. The opportunity was taken to also upgrade the system to allow more flexibility and better reporting. Other added features included improved logging and auditing. Payments were also allowed to be spread across different services in a shopping basket before the payment is sent for authorisation. Payments were verified immediately and also confirmed by a return call to a web service and by importing daily reports from the card company.

Modifications were applied to the standard product. There were also additional bespoke requirements for HMRC.

As part of the team I was responsible for design and coding, reporting to the architect.

***Skills overview : Java, Struts 1.1, J2EE, Maven, JUnit, Tamino (XML DB), XML, JQuery, UML, web services, JavaScript, JQuery.***

**Java Analyst Programmer Source BioScience May 2010 - August 2011**

Source Bioscience sells DNA sequencing and genomic clone supplies. The company website was being moved from disparate legacy java web applications to an integrated C#/.Net/SQL Server web site. I was initially recruited to cover whilst they recruited a Java developer. As the sole Java developer, my role was to modify and support the two in-house java order processing systems linked to their website and also to support the existing web sites prior to the change. I was responsible for extensive development, migration and maintenance/support work to facilitate the release of the new web site, first as part of the major release and later as the company acquired a new site in Berlin. The order processing systems were written in Java with NetBeans using Swing on a MySQL database and synchronize with the C#, .NET web site and SQL Server database.

I also developed and supported an automatic delivery service run in conjunction with the web site and the order processing system. This service was written in C# and .NET and automatically emails sequencing results to customers once the results have been produced and automatically checked.

Other projects included producing a datasheet report using data from a RESTful web service also an application to interactively synchronising BLAST result files between two servers.

Contract extended 4 times.

***Skills overview : Java, NetBeans, Swing, J2EE, MySQL, C#, SQLServer, XML, JSON, Spring/Spring MVC.***

**Contract Analyst Programmer Europcar Group UK Ltd August 2008 – April 2010**

Most of the work involved integrating the local systems with group systems as financial and management systems were migrated to the group solution.

Also maintenance and support of web based car hire system after it was migrated from EJB2 to hibernate. The car hirer booker system used Java, J2ee and Struts.

I also worked on an integration package (fleetlink) that links two separate fleet car hire systems, allowing each to hire cars from the fleet of the other. Details exchanged using XML files.

Also work on an Insurance system that allows claims to be made on one system and invoices generated on another.

Contract extended 5 times.

***Skills overview : C\C++, Java, J2EE, Struts 1, Unix, Sybase , Pro\*C, Oracle, sqlplus, XML, XSLT, Tuxedo.***

***Operating Systems : Unix, Windows***

**Permanent Employment**

Project Consultant Exel Computer Systems - January 1997 to August 2008

Exel Computer Systems are a medium sized software house based in Nottingham and are the authors of the EFACS ERP software. I worked there for over 11 years.

A substantial proportion of my work over the last 5 years was converting legacy ‘C’ and C++ applications to use a three-tiered, EJB based solution with a web based user interface using java. This used servlets and JSP with EJB3 technology under the J2EE platform. The work involved the design and coding of the entity beans, the session beans and the java applications that are built upon these.

My role encompassed analysis, coding, implementation, testing and customer contact. Teams were dynamic and flexible. My role in a project varied from fulfilling any one of the above roles, to managing the whole life cycle of a project.

Projects included developing an application that automatically places purchase orders based upon MRP demand that has been calculated using existing sales orders, purchase orders and stock levels. This involved redesigning existing tables and creating the entity beans and session beans associated with them.

Another project involved allowing a customer’s clients to logon to their system, and then place, view and edit *their own* sales enquiries. The system also mailed the customer’s account responsible manager for the particular client once an enquiry was activated.

As well as supporting and maintaining the standard product I also developed bespoke software to integrate with the standard product. I also managed teams where my duties included producing estimates and specifications, providing delivery schedules, allocating work, QA and mentoring new staff.

I did extensive work on the EFACS standard MRP system, for which I had design and coding responsibility. I worked on most of their standard modules including Stock Control, Sales Order Processing, Purchase Order processing, Work In Progress and Accounts.

***Skills overview : Java, EJB3, J2EE, Struts 1, JSP, Servlets, C/C++, Unix, Microsoft SQL Server (6.5 – 2005) , Javascript/VBScript, XML, XSLT, HTML, Hibernate.***

***Operating Systems : Unix, Windows 2003, Windows XP***

Analyst/Programmer Redland Aggregates - September 1995 to December 1996

I worked for Redland Aggregates in the role of analyst programmer developing in INFORMIX 4GL. My main duties were designing, coding and testing their in-house software.

**Analyst/Programmer Weir Systems Ltd (Formerly Stewart Computers) - January 1988 to September 1995**

I worked for Weir’s as an analyst/programmer developing in ‘C’ and UNIX and INFORMIX. The projects were mainly developing bespoke add-ons to their standard system. My duties involved producing specifications after initial analysis with customers, producing project plans and coding to agreed specifications. I also supervised small teams ensuring that the software was to standard and on time. I handled customer support on a regular basis.

**Key Strengths**

* Excellent communication skills
* Experience working under pressure and coping with deadlines
* Strong technical skills
* Able to adapt quickly and multitask

**Qualifications**

**Shirecliffe College Further Education, Sheffield**

BTEC National Certificate in Computer Studies (Distinction)

**St. Albans C.E School, Highgate, Birmingham**

8 O’levels (English Language, Maths, Physics, Biology, Human Biology, Computer Studies, Technical Drawing, English Literature)

**Interests**

Horse riding, swimming, cycling, reading science fiction.