

Curriculum Vitae

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Technical Summary

Key Skills: <ul style="list-style-type: none">• Progress OpenEdge: GUI, CHUI, WebSpeed, ps:eScript, ADM2, Batch• Progress database: creation, backup/restore, tuning, monitoring, maintenance• Progress performance: client & server parameters, 4GL profiling and tuning• Web development: XHTML, JavaScript, jQuery, jQuery UI, CSS, Ajax, Web Services	
Progress (20+ years):	Versions 7.3 to 11.6 GUI / CHUI 4GL, ADM2, AppServer, Webspeed
Web (16+ years):	WebSpeed, ps:eScript, XHTML, XML, JSON, JavaScript, CSS, jQuery, jQuery UI, LESS, Firebug and Web Developer extensions, graphical design
Progress Dev. Tools	Debugger, Virtual System Tables, Profiler, Prolint, ABHack, ProTop
Web Servers:	Microsoft IIS, Apache
Databases:	Progress, MySQL, ODBC, Progress Oracle DataServer
Miscellaneous:	Regexp, Windows / Unix Scripting, ActiveX, Named Pipes, Sockets
Operating Systems:	Windows, Linux, Solaris
Methodologies:	Extreme Programming, Agile, JSP, ERD
Web / Design Tools:	Xara Designer Pro, Xara 3D, Color Schema Studio, HTML Kit
Source Control:	Roundtable 9.1d, Git, Subversion, Visual Source Safe, CVS

Career

April 2012 – July 2015

GE Aviation / Triumph Actuation

Returned to GE Aviation (now Triumph Actuation Systems) as sole developer / DBA for their Syteline ERP system, based on Progress 9.1C, in three manufacturing sites based at Cheltenham, Deeside and the Isle of Man.

- Converted Isle of Man site from an outdated character based ERP system on Honeywell Bull hardware to Syteline.
- Liaising closely with all departments to ensure business critical needs were met in the on-going support, enhancement and monitoring of the system.
- Trained on Jetform (aka Adobe Central Output Server) in order to perform daily administration, create and maintain forms and expanded the system from serving a single site to three across the UK.L
- Created custom labels using Datamax Programmer's Language (DPL).

June '08 - July '10, Jan '11 - Mar '12, Aug '15 - Present

The Co-operative Group

The Co-operative Group is the world's largest consumer-owned business, having acquired the Somerfield supermarket chain in 2008. I worked within the Retail Systems office which provides bespoke software for the group's businesses covering many areas from back-office to point-of-sale.

- **Roundtable 9.1D**
- Creating **System Requirement Specifications** in response to Business Requirement Specifications.
- Ported an in-store stock control system, written in **Webspeed**, running on Symbol PPC devices (MC7090, PDT8146) to work with Datalogic devices (Memor, Skorpio, Elf) from a single unified code base.
- Integrating the Somerfield in-store IT system into the existing Co-op system, written in **Progress 9.1D** using both **SmartObjects** and **non-ADM**. This involved extensive changes to the database schema, UI, reporting, POS and head office feeds inbound and outbound (XML and fixed width) and batch processing.
- PCI-DSS compliance.
- System performance tuning, including **VST analysis** of database usage patterns, **Progress Profiler** and **Prolint** analysis of the code base, **binary dump and load** scripts and Progress code optimisation.

July 2010 – December 2010

City Link

Established in 1969, City Link is the UK's leading premium express delivery company, providing high quality, flexible and innovative service solutions across the UK, Ireland and Worldwide.

- **Subversion** source control.
- Worked in a team developing the next generation of City Link internal systems moving from a character to web front end written in **OpenEdge 10** using **PS:eScript** and **jQuery**.

February 2006 – May 2008

GE Aviation

GE Aviation is part of the General Electric group and produces avionics and propellers for civil and military markets. They use the **Syteline 6 MRP** system developed by Infor, this is based on **Progress 9.1C GUI**.

- Created an interface between Syteline and SAP using Progress **DB Triggers** to produce **XML** outbound to SAP and a batch process written in **Progress 4GL** that consumed XML from **SAP XI** middleware.
- Wrote a GUI tool in Progress 4GL for bulk data extraction from Syteline for upload in SAP, this interfaced real-time with a complex Excel workbook.
- Maintained and supported Syteline, Progress 4GL development and database maintenance.

August 2003 – January 2006

Specsavers Retails Systems Ltd

Specsavers are the UK's largest high street optician chain. SRS Ltd is a part of the Specsavers Group that provides all software and hardware needs for the group.

- Developed a robust in-store print solution. Written predominantly in **Progress 9.1D 4GL** with a few small PERL routines, this was based on a broker/agent model providing both resilience and scalability.
- Maintenance and enhancement of several **Webspeed 3.1** systems that covered public facing e-commerce, intranet and in-store systems.
- Analysis and optimisation of Progress in-store systems running on Red Hat Linux.

January 2003 – July 2003

Fathom Technologies Ltd

Fathom Technologies are a leading provider of solutions for commercial and consumer debt management.

- Created a web prototype of Fathom's main package which is a mixture of Progress GUI and CHUI legacy screens. This was developed using **Webspeed 3.1**, **Progress 9.1D**, **JavaScript**, **CSS** and **IIS 5**.

September 2001 – December 2002

Holiday Autos Ltd

Holiday Autos are the world's largest leisure car rental broker.

- I joined the team to assist in the development of a new system to replace the various disparate car booking systems used by Holiday Autos globally. This was written using **Progress V9**, **PS:eScript** and **SonicMQ 3.5** on **Red Hat Linux**. During my tenure I was promoted to the position of Team Leader heading a team of four.
- Additionally developed a **Progress V9 GUI** system to simplify the control and desktop distribution of numerous in-house **Progress ADM1**, **ADM2** and **non-ADM** screens.

July 1999 – August 2001

Talk Talk

Talk Talk is a major landline, mobile phone and Internet services supplier.

- Developed two in-house systems in **Progress V9 GUI**, one using **ADM2 SmartObjects** and the other **non-ADM with ActiveX Controls** in conjunction with **Progress batch mode routines** on **Sun Solaris** servers.
- The first of these systems tracked outstanding accounts and performs automated action as appropriate. The other analysed customer usage of the many products offered by the company and then targets certain groups with letters, emails, phone calls etc to maximise revenue. Both systems were implemented across Europe and in Singapore and Australia. Additionally I trained, through a Progress hosted course, on **WebSpeed 3.1** to support the main call centre application.

January 1999 – June 1999

Brian Whittaker and Co.

Brian Whittaker and Co. provides bespoke systems for the printing industry.

- My brief was to rewrite a **Progress V6 CHUI application to V8 GUI and rationalise the database structure**. The system controlled and tracked orders placed in a printing factory and involved the use of Report Builder and automated links into MS Word and Excel via **DDE**.

June 1997 – December 1998

Software Decisions Ltd

Software Decision Ltd. specialises in global logistics solutions for the tank container industry.

- Worked directly with a global tank container transport client implementing and customising a Progress 9.1 system to meet their strategic needs. This required working for extended periods in Germany, Finland, Italy and Singapore.

May 1988 – May 1997

MIS Banking, Thomson Financial

Thompson Financial group, now Reuters Thomson, provide systems for the banking and financial markets. They purchased MIS Banking in 1998.

- I was employed at MIS Banking as a trainee programmer and initially developed and supported their Euro Bond trading back office management system, written in Wang VS BASIC.
- By 1994 I had transferred over to **Progress V7.3** and had written a **Windows GUI front end** for their core IBM AS/400 based product. This front-end provided a real-time display of the bank's dealings in the financial markets and allowed trading through a more user-friendly interface than the AS/400 character terminals.