

- Development and maintenance of a National Coach Services Database for the Department for Transport, including liaising with the client, data providers, and data consumers.
- Responsible for technology issues within department, chaired regular meetings to maintain progress.
- Assumed the role of Quality Auditor, responsible for ensuring best practice throughout project lifecycles.
- Seen as a mentor/advisor to others in the team, giving guidance on various development issues.

Hamilton Grant Software Ltd Jun 2004 – Jan 2005

Senior Software Engineer / Team Leader / Project Manager:

Recipe Management Software on Windows platforms.

- Involved in a major project for an International customer involving customisation of existing applications. Gathered requirements and oversaw development, led a team of 3, and liaised with the customer.
- Recruited new staff, mentoring both them and existing staff, and managed the project development.

Question Mark Computing Ltd Jun 2000 – Jun 2004

Senior Software Engineer / System Architect:

Automated examination and testing software on Windows platforms.

- Lead designer in team of 4 working on next generation of products using .NET framework and written in C#. Sole responsibility for overall architecture, User Interface look and feel, and coding standards.
- Designed and implemented an offline delivery application using .NET, written in C#, integrating existing Win32 applications, web services, and database access.
- Designed a flexible plug-in system using .NET Reflection and C# interfaces which allowed new functionality to be added to the application framework and UI dynamically.
- Produced custom UI user controls in C# which wrapped .NET framework and other components, obfuscating calls to Win32 DLLs and to database systems and raising custom events.
- Designed and implemented .NET modules, written in C#, to provide a single interface for data access, wrapping both database systems and file systems in one interface.
- Pioneered the modularisation of the core systems into COM objects using C++ and MFC.
- Sole responsibility for designing the overall system database architecture.
- Responsible for scalability improvements in the MFC ISAPI DLLs (C++), using ACT and Mercury Tools (at the Microsoft Scalability Labs in Dallas, Texas) for multi-session testing.
- Developed a Java applet to regularly and imperceptibly send HTML Form data to a server whilst the user is viewing a web page, allowing a user to resume tests after disconnections. An early type of AJAX.

The FLIGHT DATA Co Ltd / Spirent Systems, Heathrow Apr 1994 – May 2000

Senior Software Engineer:

Aircraft Data Replay and Analysis systems on DOS and Windows.

- Given technical responsibility for the database system, being consulted by other developers. Responsible for improving the scalability of the data logging engine.
- Responsible for providing an interface to tape replay robots over TCP/IP which controlled loading, unloading, replaying, and analysing flight data. Included site visits, training end-users, and liaising with suppliers.

Additionally I.T. Manager from Feb 1998:

- Liaised with contractors over installation of IT systems and infrastructure for a new building.
- Installed a sector wide WAN between sites in the UK and US, including distributed Exchange Servers.

Databit, Purley Oct 1990 – Mar 1994

Software Engineer: Telephone Call Logging systems on OS-9, OS-9000, and DOS/Windows.

Reflex, Crawley Nov 1988 – Sep 1990

Software Engineer: Automotive Manufacturing Control systems on UNIX-based Workstations.

Gould Electronics, Ilford Mar 1987 – Oct 1988

Software Engineer: Digital Storage Oscilloscopes using real-time embedded system software.

Marconi Radar Systems, Chelmsford Aug 1985 - Feb 1987

Hardware / Software Engineer: Naval RADAR Systems using a 68000/VME Bus design.

Education:

1982 – 1985 Birmingham University – BSc Physics

1982 Fitzharry's Comprehensive, Abingdon – 3 A-Levels in Physics, Pure and Applied Mathematics.

1980 Fitzharry's Comprehensive, Abingdon – 7 O-Levels including Mathematics and English.

Training:

2006 Cranfield Institute of Technology – Essential Project Management – Delivering Projects Profitably

2006 Atkins In-house training - PRINCE2 Awareness

Personal Details:

Status: Single

Nationality: British

Date of Birth: 3rd August 1964

Interests:

Motorcycling: I am the Membership Secretary for the Triumph Owners' Motor Cycle Club.

References: Available on request.
