

Richard Anthony Harris

Email: richard.harris@straight-thinkers.com

WHAT I HAVE DONE

STRAIGHT THINKERS LTD – Rotherham, South Yorkshire, UK

Software Developer (Contracted by Rmada Limited)

This work consisted of a number of part time contracts over an 8 year period to deliver and support an application and accompanying database which is used by the BAE Systems Type 26 Global Combat Ship programme for maintenance manpower and spares forecasting – the Maintenance Optimisation Support Tool (MOST):

- Understanding user requirements to develop the system requirements and software design documents for a C# Winforms data analysis program.
 - Designing and developing the application to read an MS Access database and produce user input screens dynamically, based on data in the database.
 - Saving/opening of user inputs and analysing the data and inputs to produce multiple PDF reports with graphs.
 - Developing the application installer and managing the licensing of the software.
 - Writing the User Guide and dealing with user feedback.
 - Configuration management of the codebase.
-

RACECOURSE DATA TECHNOLOGIES – Huddersfield, West Yorkshire, UK

Software Developer

Development, support and administration of the RDT software suit in Q2 2016 – upon which several hundred Bookmaking businesses and the Press Association were commercially dependant. This included:

- Requirements gathering and analysis.
 - Architecting and designing solutions.
 - Prototyping.
 - Coding (C#, .NET, MS SQL).
 - Testing and release.
 - Developed the existing platform to communicate with an outside API developed by the Press Association with regards to delivering real time price and status data from racecourse bookmakers for the purpose of compiling betting show prices and the Starting Price (SP).
 - Modified the Bookmaker software (essentially a complicated POS system with interactive betting facilities with a betting exchange and the facility to network multiple instances of the application) introducing new features to meet customer needs/expectations.
 - Acted as part of the team to establish RDT in Victoria State, Australia. This involved:
 - Modifying the RDT software for it to be accredited by Racing Victoria in accordance with their standards and requirements.
 - Three visits to Australia to present and demonstrate the software and achieve accreditation.
-

RACECOURSE DATA TECHNOLOGIES – Huddersfield, West Yorkshire, UK

Racecourse Technician

Supporting and testing a bookmaking software system used by racecourse bookmakers.

- Assisting bookmakers with hardware (receipt printers, LED display boards etc.) and software issues.
 - Along with the above, setting up a temporary wireless network allowing the software to access the internet and offer the ability to network multiple machines.
 - Race day support for the British Horseracing Authority's on-course wireless networks which includes router, access points and wireless bridges.
 - Developing C# Winforms and WPF applications to assist everyday business processes.
-

CRAVENS ADVERTISING – Newcastle upon Tyne, Tyne and Wear, UK

Freelance developer Freelance work involving making additions to an existing website built around Immediacy CMS including feedback forms and a knowledge base in .NET (C#) with supporting JavaScript and jQuery.

NHS BUSINESS SERVICES AUTHORITY – Newcastle upon Tyne, Tyne and Wear, UK

Web Team

- Technical troubleshooting within a public sector organisation as well as website and company intranet development and maintenance.