

IAN FILDES

2 Caldew Close, Hindley, Wigan WN2 4NR
Mobile 07513539941 Email: i.fildes@btinternet.com
Date of birth 24/12/68

PROFILE

A successful career in software development that has encompassed contrasting working environments over multiple sectors, this includes a significant contribution towards the expansion of a small family-owned business to be incorporated as a division in a major international organisation and contributing high quality development to an established world leader within their field. Have attained experience in system integration, including working alongside organisation partners. Good customer facing experience that has included customer site installation and general support. Attained Agile experience in different workplaces.

EMPLOYMENT ROLES

SOFTWARE DEVELOPER

Aug 2016 to present

Bet365, Manchester

Development on a high performance back office trading system utilising distributed system components, communicating using a combination of HTTP and TCP/IP to transport JSON documents that denote system state and specify actions including:-

- A web API component to apply business logic by acting upon JSON input directives. This includes applying betting markets prices, controlling market suspension and driving Web site. Developed using C# and ASP.Net web API.
- Trading Tool to display current betting status of a particular fixture and provide the ability to manually trade the fixture. Developed using WPF, Prism and MVVM.
- Feed service to connect to TCP/IP streaming and apply commands to the trading system so as to provide automatic fixture trading. Developed using C# and TopShelf framework.
- Developed against .Net 4.6.2 framework.
- SQL Server 2014 data layer utilised.
- Working in a transient team of 4, took a senior role and was required to mentor new team starters.

Development of betting settlement services using C# and Akka.Net and smaller applications using C# and WinForms.

Other technology and practices utilised include:-

- Git Source Control.
- VB.Net
- NUnit unit testing.
- Jira project management.

SOFTWARE ANALYST

Oct 2014 to Aug 2016

Epicor, Warrington

Development on a major ERP product including:-

- Extensive database experience including the development of stored procedures, triggers and views based on SQL Server platform.
- Business logic and user interface development using C#, generic classes, LINQ and Reflection to implement an in-house data mapping framework.
- Maintenance of VB6 user interface and business logic.
- Integration to third party products including a journey planning module, written in C#, implementation of web services, JSON and XML data marshalling.

SENIOR SOFTWARE DEVELOPER

2009 – Oct 2014

V1 Limited (Owned by Advanced Business Solutions), Cheshire.

Development of distributed electronic document data capture system that converts images to human readable text for business workflow processing, all system components written in C#:-

- Distributed component communication using WCF.
- Server processing utilising OCR, integration to third party products for customisable lookup scripts and validation based SQL server platform.
- Client image browsing/viewing using C# GDI. Client document depositing using scanning interface software TWAIN and Kofax.

Modification of the web system to utilise updated technology including JQuery and REST web services. Interaction with partners and customers to implement system integration. Continuing support of existing systems. Mentoring of new starters.

SENIOR SOFTWARE DEVELOPER

2004 - 2009

Version One Ltd (Owned by Cedar Open Accounts), Cheshire.

Development of a web based solution to provide electronic document browsing and viewing functionality. Server tier implemented using CGI scripting that manipulates HTTP message written in C. Client web page functionality achieved using VB6 Active X, JavaScript, and CSS, also developed a cross platform Java Applet variant. Worked alongside partners to develop integration with third party commercial systems, this includes experience using Java Servlets, XML, XSLT and ASP.

SOFTWARE DEVELOPER

1999 - 2004

Version One Ltd, Manchester

Development and support of image processing software to integrate with bespoke document management system, including image viewing client, scanning acquisition client. Client technology implemented included VB6, WIN32, GDI and MAPI email. Server interfaces implemented with Windows TCP/IP sockets and C++. Peripheral API interfaces including Kofax and TWAIN scanning. Development of a graphical editor product for designing document forms layout.

Experience included engineering apprenticeship and graduation using a day release course. Post graduate experience included programming experience in VB5 and C.

SUMMARY OF COMPUTING SKILLS

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| LANGUAGES: | C#, VB.NET, VB6, C, C++, Java. |
| WEB: | ASP.NET, JQuery, Javascript, Ajax, JSON, XML, XSLT, HTML, CSS, CGI scripting, HTTP, Active X, Java applets, IIS, Apache. |
| FRAMEWORK: | WPF, Prism, MVVM, Akka.Net, TopShelf |
| NETWORK: | ASP.NET Web API, WCF, Winsock TCP/IP, REST/SOAP services, DCOM. |
| OPERATING SYSTEMS: | Windows, Linux, various UNIX flavours. |
| DATABASE: | Microsoft SQL Server, TSQL scripting, OLEDB, ODBC. |
| METHODOLOGIES: | Agile, Jira. |
| SOURCE CONTROL: | Git, Accurev, Subversion. |
| GENERAL: | Akka.Net, TopShelf, Win32 API, VBA, VB-script, Infragistics .NET components, TWAIN, device driver interfacing. |

EDUCATION

1996: BEng (Hons) 2:1 Electronic Engineering. Manchester Metropolitan University.