Ian Crowther

Personal Details

Nationality: British

Health: Excellent

Date of Birth: 06/02/80

Age: 32

Marital Status: Married

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Introduction

I am a web applications developer / architect and team leader. Using my experience and qualifications I work on the development of semantic web apps through the use of web standards. Using agile and UXD techniques, I create user centred designs which are accessible & usable by both humans and computers. Through continual study and a good work ethic I aim to maintain a position on the cutting edge of new technologies which provide me with the skills to continue to meet and exceed client expectations.

Career History

Nov '11 to Current

Frontend Developer - Technical Lead, COLT

Currently unavailable due to NDA

Skills Acuired: Jquery, HTML5, LESS

URL: http://goo.gl/qjkBq

Jun '11 to Sep '11

Web Developer - Technical Lead, Vodafone

At Vodafone I was responsible for the delivery of the freebees rewards portal, a reward scheme for PAYG customers. A combination of Jquery & Flash was implemented to create an engaging app with the goal of learning more about the companies PAYG customers. The app was delivered on time so as to coincide with the launch of the TV marketing campaign.
Skills Acquired: Jquery, HTML5, CSS

URL: http://goo.gl/3VKo0

TV Ads:
http://goo.gl/kQGsn
http://goo.gl/3SHO5
http://goo.gl/tkiwa

Apr '11 to Jun '11

Web Developer, Bynd

I was involved in the creation and delivery of iAd's subcontracted to Beyond directly from Apple. This involved remotely connecting into Apple so as to use their internal systems such as Radar (Bug Tracking) and iChat (Employee Network) to deliver quality products to the client on time.

Skills Acquired: Javascript, HTML5, CSS3, iAd Javascript Framework, iAd Producer, iPhone, iPad

iAd Campaign URL's:

Mahou (San Miguel) - http://goo.gl/uIOL4

Turkish Airlines - http://goo.gl/MCfSB

Magnum - http://goo.gl/1lWKu

Mar '11 to Apr '11

HTML5 Consultant, Open University

My Role at the Open University involved the research and development of HTML5 Canvas assets to be used in conjunction with ePub's designed initially for use on the iPad. The assets developed included an interactive timeline, a slide show, a map overlay and a drag and drop stack. The code is designed to be modular and form the basis of a canvas animation library.

Skills Acquired: HTML5 Canvas, Javascript, ePub, iPad, Android Tablet

URL: http://goo.gl/PDNsQ

Apr '10 to Mar '11

Javascript Developer, Miniweb.tv

My role at Miniweb involves the design and development of an online video aggregation service called woomi which launched in Jan 2011. The goal of the service is to bridge the gap between TV and the Internet and encourage content discovery using the latest range of Connected TVs. I am part of a 4 man team that is solely focused on client side development of the service with the aid of a designer. The client consumes an internal API via Ajax, who's requirements have been driven by the client side data requirements and 3rd party API's. The team has successfully achieved its goals by following agile disciplines such as sprints, sizing and stand ups and has made determined efforts to communicate effectively.

Skills Acquired: HTML5, XHTML, CSS3, Javascript, Base2, Ajax, Json, Xml, Xslt, PHP, Apache, WAMP, W3C Validation, JSLint, CssTidy, Fiddler / WireShark, Agile Development Disciplines, UXD, X-Broswer Compatability, Connected TV's (Samsung, LG 3D, Boxee, Philips, Vestel, Popbox), iPad & Android Galaxy.

URL: http://goo.gl/aXubJ

Nov '08 to Mar '10

Web Developer, Yamaha Research & Development London

My role at Yamaha R&D involved the research, evaluation and development of software technologies which can be used to provide a range of web based services to the current European keyboard market. The aim of the department is to use the Internet to provide a more interactive experience to new and existing customers by creating a platform of web based services.

Projects:

Device Sync, Architect / Web Developer. I used WCF Rest, ASP.NET MVC, YUI & QT to create a web based synchronisation platform to enable Yamaha keyboard owners to purchase online content and have it synchronise directly with their personal device. I was responsible for the project architecture, project management and delegation of team responsibilities. The project was delivered on time and was considered a success.

Interactive Product Guide (IPG), Web Developer. I extensively used ASP.NET MVC and YUI in the development of a generic IPG for Yamaha products which is to be the first service of the upcoming web based services platform.

Yamaha User Profiles, Web Developer. I am currently in the early design stages for Yamaha user profiles which aim to provide the customer with a base Yamaha user profile which can be used to interact with the web based services platform.

Digital Music Notebook (DMN), Javascript Developer. I have used the YUI JavaScript Framework to update the UI for DMN which is currently awaiting Japanese approval for launch.

Skills Acquired: HTML, CSS, Javascript, YUI, Ajax, UXD, ASP.NET MVC, Moc, WCF Rest, SimpleDB, SimpleSavant, S3, EC2, Agile Development Disciplines, Automated Build & Deploy, Design Patterns, Unit Testing, GData, Digg API, Flickr API, Yahoo Pipes.

URL: http://goo.gl/vGr1f

Jan '07 to Nov '08

Solutions Developer, Avanade (Microsoft Gold Partner)

My role as an Avanade Solutions Development Consultant involved working on various projects which use Microsoft technologies and software. Avanade have a very strong emphasis on training and as such have enabled me to complete my MCTS certifications.

Projects:

British Gas, Windows Mobile Developer. My role involved developing the first SAP to Windows mobile adapter which was adopted by Microsoft. The adapter enabled users to access SAP reporting, news streams, and SAP work-flow monitoring on their windows mobile devices. The solution had to be robust enough for use in disconnected environments.

Lucida, Web Applications Developer. My role at Lucida involved the use of Ajax and ASP.NET to deliver reporting functionality to the business and allow them to extract an XML snapshot of the business's data at any given time. The data reported / extracted is used to analyze risk and generate quotes to customers, and as such requires audit trail and version control functionality which adhered to strict financial regulations.

HBOS, CRM Developer. My role at HBOS involved writing a JavaScript framework to enable fast & reliable interaction with the CRM Web Services. The purpose was to increase performance and simplicity for automated build and deployment.

Grosvenor, CRM Developer. My role at Grosvenor involved customizing the CRM web front end using JavaScript to enforce business logic and improve user interactivity. The system was used to manage relationships between customers and properties for use in managing their property portfolios.

Centrica, .Net Developer, My role at Centrica involved the development of a gas forecasting & trading platform. C# & BizTalk were used to create a highly scalable messaging platform which enabled Centrica to make critical business decisions and provide a centralised gas trading platform. I also worked on the data transfer from Oracle to SQL Server.

Jones Lang Lasalle, CRM Developer, UK CRM Auctions project. My role at JLL involved working on the Use Case & Requirements documentation for the Analysis phase of the project. I was involved in the work-flow process discussions and led my own business review / sign off meetings in order to complete documentation.

Skills Acquired: HTML, ASP.NET Web Development, CSS, JavaScript, JQuery, Ajax, Xml, SQL Server, Oracle, NAnt, Database Design, Business Analysis & Requirements Analysis. CRM, BizTalk, SharePoint, Business Intelligence, Mobile Compact Framework 2.0.

July '04 to June '05

Web Applications Developer, JohnsonDiversey (3rd Year University Placement)

My role within the JohnsonDiversey's global IT centre was as a web developer. I worked in a multicultural environment interacting with an international development team based throughout Europe & India. As well as improving my development skills, I had exposure to the analysis, design and development of the business processes involved in the systems I worked on, which gave me the ability to solve real life business issues.

Projects

PIPE. A central management system, designed to amalgamate core, SAP managed business data from areas such as Global Manufacturing, Supply Chain and Research & Development. The system was designed using Livelink to drive a work-flow architecture and was used to trigger many key business processes. The core technologies used include SQL2000 to access the data, Active Server Pages and JavaScript to manage the business logic, and Livelink to drive the work-flow engine.

JUICS. A data search solution designed to aid company decision makers gain access to specific production information quickly and effectively. The solution was built using ASP.NET C# to create a UI which included components such as a custom a DataGrid, and used SQL2000 stored procedures to drive the business logic which involved filtering the data as required by the business.

NPI. A Document management solution designed to provide project specific collaboration of documentation. The system provided stakeholders with access to documentation which could be quickly identified via Meta data attached to the documents. An ASP.NET C# UI provided a usable front end which included a search

feature driven by an SQL2000 database.

Skills Acquired: HTML, CSS, Javascript, C# ASP.NET, SQL, Database Design, Biz Analysis & Req Analysis.

June '06 to Nov '06

Traveling, Germany

Having completed my University studies I took the opportunity to travel with my wife around Germany. The experience allowed me to further develop my language skills enabling me to overcome daily communication issues. During the experience many challenges were faced and successfully overcome which improved my ability to make decisions, think quickly and solve problems.

Skills Acquired: Thinking on your feet, effective use of languages, cultural sensitivity

Sept '02 to May '06

Student, Staffordshire University

During my time at university I gained core IT & business skills. I had the opportunity to try many subject areas to help me discovery which areas of IT really hold my interest.

Final Year Project Project - Grade Achieved: 1st

Communications & Issue Tracking Tool. A user centered solution designed to communicate issues within enterprise level projects. Issues such as bugs, information requests and project updates could be effectively communicated via email notifications and Skype integration. ASP.NET C# was used to build the UI and SQL2000 was used to control and drive the business requirements.

Skills Acquired: Please see module breakdown in education section.

June '05 to Aug '05

On-site Support, Spectrum Components

My role at Spectrum Components involved on-site PC support & hardware delivery. Businesses contacted spectrum components with any issues relating to purchased or installed hardware / software and I would go to the site to assess the reported issue. If it could be fixed by myself it would be, if new hardware was required it would be ordered. Very positive feedback was received for my work. When there was no on-site work available I would deliver hardware to clients purchased at the shop.

Skills Acquired: Network Installation & Troubleshooting

<u>Qualifications</u>

Certifications

- MCTS : 070-528: TS: Microsoft® .NET Framework 2.0 - Web-Based Client Development
- MCTS : 070-536: TS: Microsoft® .NET Framework 2.0 - Application Development Foundation
- CRM-30-422: CRM 3.0 Customization
- CRM-30-423: CRM 3.0 Applications
- CRM-30-421: CRM 3.0 Installation & Configuration

Professional Activities & Events

- Yahoo YDN – YQL & BOSS Search
- d. Construct 2007 – Designing the User Experience
- BarCampLondon2 – BT
- BarCampLondon3 – Google
- BarCampLondon4 – Capital FM
- BarCampLondon6 – The Guardian
- BarCampBrighton – Magex
- Soltech 2007
- BCS YPG Event – Engaging Presentations

Training

- Share Point 2007 & CSS 3.0
- Line of Business - Mobile Development
- BizTalk 2004 CSS
- .Net 2.0 CSS

Technical Skills

Programming Languages and Technologies

- HTML5, XHTML, JavaScript (Base2, YUI, JQuery, Scriptaculious), CSS3, Ajax
- JSON, XML, XSL, XSLT, ATOM, RSS, RDF, Microformats (HCard, VCard, iCal, Schema.org)
- GData API, Flickr API, Digg API, Yahoo Pipes, Mesh SDK's
- W3C Validation, JSLint, CssTidy

Infrastructure & Software Tools

- Mac OS X, Windows 7, Ubuntu Server, Microsoft Server 2008, VMware
- Amazon EC2, Amazon S3
- WAMP, Apache, IIS
- Komodo, Notepad++
- Subversion, GitHub
- Fiddler2, WireShark, FireBug, Web Developer Toolbar, YSlow, Page Speed
- Adobe Photoshop CS5, Adobe Illustrator CS5, Paint.Net
- Google Docs, Microsoft Office

Frontend Web Skills

- UXD, Wire-frames, Style-guide, Widget Design
- Behaviour Driven Development
- Design Patterns - Restful Interfaces, Ajax Url's, MVC
- Performance, Scalability & Optimization
- Progressive Enhancement & Graceful Degregation
- WAI-ARIA Accessibility & Usability
- Google Analytics, White SEO

Backend Web Skills

- UML / ERM Techniques
- Test Driven Development
- XML & Web Services
- Design Patterns - MVC, IOC, Singleton, Repository
- Database Design & Development
- Internet Security

Hardware

- iPhone, iPad, Android, Windows Mobile, Galaxy S, Connected TV's (Boxee, LG 3D, Samsung, Philips, Vestel, Popbox)
- PC, Mac

Education

BSc Internet Technology Sept 2002 – May 2006 Overall Grade 2:1

Level 3 Modular Information

- Final Year Project Grade 1st
- Advanced Database Systems Grade 1st
- Enterprise Web Application Grade 2:1
- XML & Web Services Grade 2:1
- E-Commerce / M-Commerce Systems Grade 2:1
- Ubiquitous Computing Grade 2:1

HND – Computer Science Sept 2000 – May 2002 Overall Grade Pass

BTEC National Diploma – Computing Sept 1997 – May 1999 Overall Grade Pass

10 G.C.S.E's Sept 1990 – May 1996 Math's – C English – B

Interests

My main interests are music, travel and IT. I play a range of instruments including drums, guitar and piano and enjoy going to gigs and festivals. I love to travel as it allows me to meet new people and experience new cultures and languages. I am a keen IT proffesional and have a hunger for IT knowledge. I spend a lot of time keeping up to date with newsletters, forums, tweets and blog articles. I enjoy reading and continually have an IT book or a novel on the go. When I am not studying I have a great social circle which enables me to relax, visit friends, and enjoy my spare time.

Personal Skills

I am a very adaptable, pro active person who can build and maintain team morale. I have been taught to be confident in myself and in my own abilities which gives me many ways to communicate at an equal level with people of all ages, backgrounds and abilities. I enjoy learning and am always seeking to improve myself personally and professionally.

References

Available on Request