

User Interface Developer :: Mike Morley

JavaScript, CSS3, HTML5 & Mobile Web

I am a User Interface Developer and for the past nine years I have built web application interfaces for a range of high profile, market leading companies. Delivering usable, elegant, performant and highly maintainable front end web solutions.

A mobile development specialist and expert in writing Object-Oriented JavaScript to deliver a rich user experience that is built upon a framework of well structured markup and pixel perfect, cross browser CSS. An advocate of the most recent standards and simplicity in design, with commercial experience in a variety of creative environments and in software engineering teams for high transaction financial dealing platforms.

Technical Skills

JavaScript

Object-Oriented JavaScript programming with JSON and AJAX to bring rich interaction to web applications. A preference for hand coded native JavaScript but with in depth experience of JavaScript libraries, including jQuery, YUI, Prototype, Sencha, PhoneGap and other third party APIs. Also experience of test driven development with Selenium and browser performance profiling.

Markup

Expert knowledge of building well structured semantic markup with XHTML, HTML, JSP and integrating HTML5 into today's web apps, including mobile.

CSS

Pixel perfect, cross browser, cross platform CSS, including mobile WebKit. An advocate of progressive enhancement, putting the best of CSS3 features into applications.

Design Thinking

Planning reusable UI patterns and complex page layouts with Photoshop/Fireworks, HTML prototyping, wire-framing and sketching with pencil & paper.

Computer Science Skills

Broad range of general computer science knowledge including RESTful web services, J2EE development, PHP scripting, MySQL, Apache, JBoss, WebLogic, CMS, Windows, OSX and Linux

Business Process

Project and product lead experience with integration into Agile environments.

Portfolio

iPad JavaScript Developer :: Burrows (WPP Group)

"Branding, design and marketing communications"

Project

August 2011 & September 2011

Building interactive brochure for distributions through Apple's App Store for Ford Focus and Tourism Ireland.

URL

<http://itunes.apple.com/gb/app/ford-focus/id454693533?mt=8> for Ford Focus App, Tourism Ireland App not yet released. For more information on Burrows see <http://www.burrows.info/>

Technology Overview

OO JavaScript, HTML5, CSS3, Sencha Touch, PhoneGap, and Xcode.

User Interface Developer :: Camelot

"... licensed operator of the UK Lottery"

Project

May 2011 & August 2011

Conversion of Flash based 'Instant Win Games' to work across iOS and other mobile WebKit devices.

URL

Project not yet released, current Flash version located at <http://www.national-lottery.co.uk>

Technology Overview

OO JavaScript, HTML5, CSS3 with iOS/WebKit web development.

Client Side Developer :: goviral (AOL)

"... distributes branded video content"

Project

April 2011 and May to July 2011

Branded video content provider for advertisers on a pay-for-performance basis. Developed first iteration of HTML5 video player to work alongside current Flash offering for iOS and other mobile platforms.

URL

<http://goviral.com> for more information on company, video player distributed on multi third party sites as per campaign requirements.

Technology Overview

HTML5 (especially video), OO JavaScript, JSON-P, XML, CSS3, iOS/WebKit web application development and VideoJS media player integration.

Interface Developer :: LBi

"Building believable brands."

Project

March 2011

Implementing re factor of BT MyProfile section of the My BT portal following usability and information architecture review.

URL

<http://www.LBi.com> and project delivered to <http://www.bt.com/youraccount>

Technology Overview

HTML, CSS, JavaScript, jQuery form validation.

User Interface Developer :: Travelmatch

"... to take the pain out of the holiday search."

Project

December 2010 to March 2011

Part of a team of 6 developers in start up company - building and maintaining an application for the search and, affiliate, sales of holidays and hotels. Highly competitive market where the quality of search engine and the visual display of complex data are paramount.

URL

<http://www.travelmatch.co.uk>

Technology Overview

OO JavaScript, JSON, AJAX, HTML, CSS, SEO, Python, Django and GIT.

App Developer :: Beattie McGuinness Bungay Agency

"... use creativity to solve business problems."

Project

November 2010 to December 2010

Christmas promotional 'Pass the Parcel' Application to select and email clients with opportunities to win a range of prizes by 'virtually' unwrapping presents through online video clips. Parcel location tracking, managing prizes lists, managing current winners, HTML email creation and valid client pool all managed via the app.

Sample URL

Christmas customer promotion, URL no longer live.

Technology Overview

HTML email, HTML, CSS, JavaScript, Google Maps API, Flash integration, PHP, MySQL and Linux.

m-Comm Interface Developer :: Mobile Interactive Group

"Integrated mobile and digital communications."

September 2010 to November 2010

Integrated into the Design and UX team bringing the best of rich, interactive interface development to high end WebKit mobile devices for the high street retailer 'New Look'. Rapidly prototyping HTML5, CSS3 and JavaScript to build a mobile mCommerce web app for iPhone and Android handsets.

Project

Dedicated mobile eCommerce site for the New Look fashion retailer.

Sample URLs

<http://m.newlook.com/> with reviews at <http://econsultancy.com/uk/blog/7372-new-look-launches-mobile-commerce-site> & <http://www.migcan.com/2011/09/new-look-drives-up-m-commerce-sales-by-over-500-with-mobile-interactive-group/>

Technology Overview

OO and modular JavaScript, JSON, touch event handling, application caching with offline storage, local/session and DB storage, video, data URI's, CSS3 rich layouts, WebKit animations and transitions, @font-face, CMS integration, YUI and mobile libraries.

User Interface Developer :: IG Index Ltd

"The UK's Number One CFD Provider." "...the world's leading spread betting firm."

October 2009 to September 2010 (Full time contract)

Working on the 'Prospects' application within the Web Dealing Team, an application for clients to open accounts across all of IG's international products. Built on a Java backend the application had a complex OO JavaScript interaction model, working closely with the UX team.

Headline Projects

- * iPhone compatible sign up form embedded in native app.

- * Development and maintenance of comprehensive OO JavaScript application.
- * Support, including out of hours release support on multilingual production application.

Sample URLs

<http://www.igmarkets.com> (Apply Online) for CFD trading, including all localisations.
<http://www.igindex.co.uk> (Apply Online) for spread betting, <http://extrabet.com> (Join Now)
https://www.fxonline.co.jp/content/sites/fxo/ja_JP/application-form.html

Technology Overview

XHTML/JSP, OO JavaScript, JSON, AJAX, CSS, iOS web app, Selenium, Prototype, UX, Windows, Agile, J2EE, Maven, SVN, Java, Unix, WebLogic, 24 hour support and i18n.

Lead Front End Web Engineer :: Ipreo Ltd (Marketpipe)

"Industry-leaders in execution software and market intelligence for financial institutions."

January 2007 to September 2009 (Full time contract)

UI lead on the IssueBook and IssueNet platforms. Two high transaction J2EE applications to syndicate the sale of fixed income bonds on the Capital Market. Sole responsibility for all UI design and development, markup, CSS, client branding requirements and tasked with improving JavaScript standards within the development team. A demanding position as the lead UI resource in a very busy software engineering company.

Headline Projects

- * Lead on Information Architecture review and implementation.
- * Complete client template rewrite, table-less layouts & doctype standardisation.
- * JavaScript performance improvements, OO JavaScript and YUI library integration.
- * UI support in the specification and requirements processes.

Sample URLs

Clients include Bank of America Merrill Lynch, JPMorgan, RBS, HSBC and Credit Suisse.

NB All applications are internally hosted within each bank internal network and not available externally.

Technology Overview

HTML, JSP, CSS, JavaScript, JavaScript Performance, YUI, UX, Photoshop, IA, J2EE, JBoss, Java, Linux, OSX, Ant and Perforce

Lead Web Application Developer :: Red Snapper Ltd

"A creative digital agency with an enviable track record."

October 2003 to January 2007 (Full time contract)

Front end development, server side scripting, database design, CMS integration and technical lead on a range of websites and web applications for both public sector and private clients.

Headline Projects

- * Accessibility consultancy to Office of Deputy Prime Minister (now department for communities.)
- * Lead developer on redesign, rebrand of Internet Advertising Bureau.
- * Development, maintenance and ongoing support for global perfume house Coty on an internal brand asset management application.

Sample URLs

<http://iab.net> (not current site)

<http://coty.com>

<http://www.tradedoubler.com>

Technology Overview

XHTML, CSS, MySQL, CMS, JavaScript, Accessibility, Fireworks, OSX, Project Lead, SEO, Apache and Unix.

1993 to 2002 :: My Non Digital Years

Roles including Financial Assistant, Account Manager for Bass Brewers, Independent Travel and Senior Consultant for compiling bespoke adventure holidays.

Education

2002 to 2003: M.Sc Information Technology

Kingston University :: Pass, with project distinction.

1990 to 1993: B.Sc (Econ) Business Economics

University of Wales, Cardiff Business School :: 2:1

1988 to 1990: A & S Level's

Caldicot Comprehensive School :: A, B, D with merit at S level.

1983 to 1988: GCSE's

Caldicot Comprehensive School :: Nine passes, four A grades, four B and one C.

Free Time

When not playing with technology I can be found trying to improve my 12 handicap at Colchester Golf Club, I also design, develop and manage <http://colchestergolfclub.com>. I run to maintain some fitness, travel whenever I can and make sure the dog gets to see plenty of the Essex and Suffolk countryside.

References available on request

Timeline

