Ben Aston

Consultant Developer

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Founder, CEO (OO JavaScript, HTML5, CSS3, Less, Node.js, Underscore.js, Zepto.js, Jasmine), Wizerati 11/2011-present

Client-side MV* single-page web application. Modular OO JavaScript, client-side dependency injection, client-side routing, web workers and Backbone.js - later migrated to Invertebrate.js. Cloud-based web and data tiers (Heroku, Cloudant (CouchDB)). Dynamic script and template loading. Responsive design. User experience designh for touch & mobile devices. High-DPI support. CSS3 (including 3D) transitions, media queries, SVG, font-based glyphs. RESTful API.

Technical Lead (C#, OO JavaScript, HTML5, CSS3, ASP.NET MVC, MarkLogic (a NoSQL database), XQuery, WebSockets), ICIS (Contract (continued)) 02/2013-12/2013

Technical lead for team distributed between London and Shanghai. Mentored junior members of the team. Delivered *ICIS Live*, a single-page real-time price messaging platform using WebSockets. Presented technical analyses and architectural options to the board. Delivered tutorial sessions for both internal and external stakeholder groups (including offshore partners in India and China) on topics including agile estimation, TDD, CQRS and acceptance testing. Conducted technical interviews. Introduced internal code sharing initiative. Internationalisation. Weekly demonstrations and releases. Facilitated agile ceremony in a distributed team environment including estimation sessions, retrospectives, stand-ups, demonstrations and prioritisation sessions.

Senior Dev. (C#, OO JavaScript, HTML5, CSS3, ASP.NET MVC, WebAPI, MarkLogic, XQuery), ICIS (Contract, 5 extensions) 03/2012- 02/2013

Commodities pricing system. Pair programming in multidisciplinary team. Client-side MV*, document data store (MarkLogic). Pull-based development (Kanban). Improved system performance by five times. Ran project inception, knowledge acquisition workshops, retrospectives. Performed business analysis, formed initial product backlog. Weekly demonstrations, releases. Ad-hoc estimation sessions and status briefings including burn-up charts and risk log highlights. Worked with offshore partners to define release process, testing approach (unit, integration, acceptance) and story lifecycle. Developed RESTful inter-system connector.

Senior Developer (C#, OO JavaScript, ASP.NET MVC), JustGiving.com (Contract, 3 extensions) 11/2010-11/2011

Delivered Cancer Research *Race For Life* and Vodafone *JustTextGiving* SMS donation systems. Defined iteration shape. Oversaw improvements to continuous integration, branching approach, automated testing and deployment. Developed RESTful API. Two-week iterations with demonstrations. Worked closely with business, test, operations stakeholders. Salesforce/Facebook/Twitter integration.

Senior Developer (C#, ASP.NET MVC), LateRooms.com (Contract) 06/2010-11/2010

Designed mechanism to control search result weightings. Refactored legacy C# to follow SOLID principles.

Senior Developer (C#, JavaScript, ASP.NET MVC), System C (Contract, 2 extensions) 11/2009-06/2010

National NHS portal connecting clinical systems. Single-page web application, client-side MVC.

Founder / CTO (C#, ASP.NET MVC), Cloudsca.pe S'ware 02/2009-11/2009

Google Maps-based stolen goods tracker for Police. SMS API integration. Technical consultancy for NHS.

Technical Lead (C#, ASP.NET), Appius International 02/2008-01/2009

High-volume public-facing web application for Highways Agency delivering road network information.

Senior Developer (C#), .NET PDA Development (Contract) 08/2007-11/2007

Developed PDA software for the recording of patient information on RFID wristbands.

Subcontract Liaison Manager, BAE Systems 10/2006-07/2007

Managed subcontract between Northrop Grumman Mission Systems, the DPA and Royal Navy.

Developer (C#, ASP.NET), Intelligence Application, BAE Systems 03/2006-08/2006

Developed intelligence product workflow management system for British intelligence agencies.

Developer (C#), BAE Systems Graduate Development Programme 10/2003-10/2006

Personnel tracking system and security layer for Microsoft Windows. Visit to NATO HQ, Bosnia & Herzegovina.

Computer Science BSc(Hons) 2:1 University of Southampton 2003. 1st class dissertation: improving web analytics through server log mining and hyperlink topology analysis.

Abingdon School A-Levels (Maths (B), Physics (A), Chemistry (B)). **GCSEs** (four A*, four A, two B's).

Core Skills

Agile Development & Facilitation

TDD / Pair Programming

OOP / Design Patterns

JavaScript / C#

HTML5 / CSS3

ASP.NET MVC / Node.js

IOC / SOLID / GoF

BDD / DDD / CQRS

Kanban / XP / Scrum

XQuery / SQL

JSON / REST

Tools

Git / Bash

WebStorm / Sublime

IntelliJ IDEA Shortcuts

Selenium / ReSharper

NUnit / SpecFlow

QUnit / Jasmine

jQuery / Underscore.js

MarkLogic / SQL Server

Photoshop / Illustrator

Grunt / Bower / Yeoman

MSBuild

Rhino Mocks / Moq

TeamCity / ZeroMQ

IIS 7 / Express

Selected References

Code Complete
Steve McConnell, 2004

POEAA
Fowler et. al., 2000

Peopleware: Productive Projects & Teams
DeMarco, Lister, 1987

The Art of Agile Development
Shore & Warden, 2007

A collaborative, full-stack web application expert with a deep appreciation of agile methods, a good sense of design and a passion for simple, testable software.