

Ben Aston

Senior Developer (C#/ASP.NET MVC/JavaScript)

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Selected repos: *NFeature:* github.com/benaston/NFeature/ (featured on *Elegant Code*)

NState: github.com/benaston/NState/

NuGet profile: nuget.org/profiles/benaston/

Recommendations: www.linkedin.com/in/benastonlinkedin/

Senior Developer (JavaScript, Ruby), Wizerati (Personal Project) 11/2010-03/2012

Designed and implemented a client-side MVC HTML5/CSS3 single-page web application. Modular JavaScript, web workers and Backbone.js. Heroku application tier, Cloudant storage tier. Dynamic script and template loading. Mobile device optimisation. RESTful API.

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

Helped deliver Cancer Research *Race For Life* donation system and Vodafone-sponsored *JustTextGiving* SMS donation system on-time. Collaborated on system design. Defined iteration shape, championed agile methods and worked with the team to implement lean development, continuous integration, automated testing & continuous deployment and an effective Git branching strategy. Developed RESTful API and wrapper DSL for Selenium. Successfully completed numerous two-week iterations, including demonstrations. Worked closely with stakeholders, test and operations team members. Mentored junior developers and conducted code reviews. Salesforce integration. Achieved roll-back-free releases.

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

Designed a flexible mechanism to control search result weightings. Refactored legacy C# to follow SOLID design principles. Developed and optimised performance of NHibernate data access component for hotel reviews and exposed functionality for WCF clients within a service-oriented architecture.

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

Completed numerous two-week development sprints within a scrum team developing a national NHS portal connecting clinical systems. Developed a flexible caching facade for the ASP.NET data cache and Memcached. Reduced coupling between system artifacts. Reduced complexity of developing dashboard items via convention-based approach. Developed Ajax user interface using progressive enhancement.

Team Lead (C#, ASP.NET MVC) / Director, Cloudscape Software 02/2009-11/2009

Led three full-time and three part-time team members. Negotiated, managed and delivered projects including a mapping application linked to an SMS gateway for the Police to control 'sting' operations. Technical consultancy for the NHS HealthCheck programme.

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

Co-architected and developed large public-facing ASP.NET web application delivering up-to-the-minute road network information. Assessed non-functional requirements, ensured performance and availability targets were met. Used multi-threading and distributed caching. Developed bespoke CMS system.

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, 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 10/2003-10/2006

Developed personnel tracking system and user-action mediation security layer for Microsoft Windows. Organised and undertook visit to NATO HQ, Bosnia & Herzegovina. Graduate Development Programme.

Corporal in RAF Combined Cadet Force 1997-1999

Education

Computer Science BSc(Hons) 2:1 University of Southampton 2003. Dissertation (1st class): Java web analytics application mining web-server logs and hyperlink topology.

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

Skills

C# 4.0 & .NET 4.0
JavaScript
HTML5, CSS3
Object Orientation (class & prototype-based)
Refactoring
IOC / SOLID / Patterns
ASP.NET MVC 3
Scrum / Kanban / Lean / Deming / Agile Methods
TDD / BDD / FDD / ATDD
NHibernate (inc. Criteria API)
WCF
SOAP
REST, HATEOAS
Ninject / Windsor / StructureMap
jQuery
T-SQL
UML
OAuth
SpecFlow
Rhino Mocks, Moq
Selenium & WatIN
Memcached
PostSharp
NUnit / QUnit / Jasmine

Tools

IIS 7
Git
TeamCity / Cruise Control
SQL Server 2008
Debian Linux
DebugDiag
ReSharper
Photoshop / Illustrator
MSBuild
NHProf

Currently Interested In

CouchDB
Node.js
Ruby

Selected Books

Code Complete
POEAA
Javascript: The Good Parts

An engineer who can communicate, with a good sense of design and a real appreciation for correct, well designed, high quality software.