

Personal Info

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Skills

Programming

- C#
- VB.NET
- HTML/HTML 5
- CSS
- T-SQL, MySql, SSIS
- Oracle Db
- JavaScript / Typescript
- jQuery

Frameworks

- .NET Framework
- .NET Core 3.1
- ASP.NET / Core
- Entity Framework / Core
- Web API
- MVC / Web Forms
- Angular 9
- WCF
- jQuery
- Less CSS, SCSS
- Bootstrap 4 & 5
- AWS / Azure

Testing

- Test Driven Development
- Moq, NSubstitute, AutoFixture
- Selenium

Deployment / Source Control

- TeamCity
- Octopus
- Git
- Azure DevOps / TFS

Project Planning

- Agile, Scrum, Waterfall, Jira, TFS

Other

- Amazon Web Services
- Azure / PowerShell



Ian Bowyer

Contract .NET Software Developer
Microsoft Full Stack

A motivated & enthusiastic software developer since 2001 using various web technologies. An experienced developer of Microsoft .NET frameworks from version 1.1 up to the latest .NET Core. Worked on teams abiding by Agile principles in small and large projects, from initial concepts to fully functional products.

I have been a contractor offering Microsoft Full Stack services from 2014.

Contractor Experience

October 2020 – January 2021

Contract Software Developer – Tech Dept

- 3-month contract to develop the backend API Services for a Government based project.
- Greenfields Project creating the API and database layer with security for different roles.
- Used TTD with extensive Integration tests.
- Used Azure Cognitive Search to index key areas and improve search performance.

Key skills:

- C#, .Net Core 3.1, Web API, JSON, Entity Framework Core, SQL Server, NUnit, TTD, Moq, Remote Working, Azure, Git.

August 2020 – September 2020

Contract Software Developer – Track Metrics

- 6-week contract to create a socket server for a telematics project.
- Transitioned software from a software house to the client.
- Refactored a Web-API into a layered architecture.

Key skills:

C#, .Net Core, Web API, JSON, Entity Framework Core, SQL Server, NUnit, TTD, Moq, Remote Working, Azure, Azure DevOps .

March 2019 – June 2020

Contract Software Developer – Symphony Group

- Transitioned 20+ years of customer data from current (Oracle) system into new Customer Management System developing SSIS packages to migrate and clean the data into SQL Server.
- Developed on their greenfield bespoke Customer Management software using .NET Core – MVC, Entity Framework.
- Developed new company programming standards for writing Web API and unit testing.
- Used Test Driven Development extensively mentoring staff on best practice.
- Acquired Knowledge of new skills to begin development on their next product using Angular as the front-end framework utilising PrimeNG component library.
- Worked remotely through the initial months of the Coronavirus collaborating remotely with the distributed development teams.
- Initial 6-month Contract extended multiple times on new projects.

Key skills:

C#, .Net Core, MVC, ASP.NET, Web API, Angular 9, HTML5, CSS, jQuery, JSON, Entity Framework Core, SQL Server, NUnit, TTD, Moq, Remote Working.

Contract Software Developer – Control F1 / Intercept IP (July 2017 – March 2019)

- Contracted to work on telematics projects collecting data from devices within cars. This was processed using Amazon Web Services & programmed in .NET Core with a MySQL & Cognito Databases.
- Developed vessel tracking database and reporting for a business intelligence company. The greenfield project imported data from several sources and applied data cleansing and extra business rules.
- Developing code within the company standards using Test Driven Development (TDD).
- Communicated directly to external clients for regular updates.
- I was involved in innovating the company's driver identification algorithm.
- Developed using .NET Core and AWS infrastructure with a focus on quality code and unit testing.

Key Skills:

C#, .NET Core, ASP.NET Core, HTML, CSS, jQuery, JSON, Entity Framework Core, Docker, Amazon Web Services (SQS, SNS, DynamoDB, Cognito), Unit Testing (Test Driven Development), Jira, Git, Bit Bucket, Team City, React, Angular, Remote Working.

Contract Software Architect – Equinity Pancredit (April 2017 – July 2017)

- Contracted to facilitate a handover from a third party back to the client software for insurance quoting website for a FTSE 100 company. It involved a visit to Belfast to collect the software and complete a successful handover before finishing the software in the Leeds office.
- Brought the product inhouse at a critical time in the business and fixed defects to get the software deployed into a production environment. Technology was .NET, MVC with razor, jQuery and Entity Framework.
- Started to work on a new greenfield project using Microsoft .NET Core technologies and Azure infrastructure.
- Created PowerShell scripts to create environments required for the new software to be install on.
- Prototyped dynamic form building

Key Skills:

C#, .NET, ASP.NET, MVC, Entity Framework, .NET Core, ASP.NET Core, Entity Framework Core, HTML, CSS, jQuery, JSON, PowerShell, Azure, Unit Testing (Test Driven Development), Jira, Team Foundation Service.

Contract Software Developer – SSP Worldwide (July 2016 – March 2017)

- Contracted to work on the company's customer on-boarding greenfield project.
- Worked on both front and back-end systems to integrate on-boarding into current systems using MVC and Entity Framework & Web API. Tested using various test frameworks but mainly NUnit and NSubstitute.
- Reworked the Bootstrap 3 styling to include a responsive design.
- Developed Developer framework to standardise form creating by using HtmlHelpers which was fully documented with working examples, all developed using Test Driven Development (TDD).
- Mentored staff to increase skills and in particular encouraged the use of TDD more in their processes.

Key Skills:

C#, .NET, ASP.NET, Entity Framework, HTML, CSS, jQuery, JSON, Unit Testing (NUnit, NSubstitute, Test Driven Development), Team Foundation Server.

Contract Software Developer – Provident Financial Group (May 2015 – February 2016)

- Contracted to develop and support on the company's e-commerce website www.satsuma-loans.co.uk while the site was being re-written.
- Worked on the new website adhering to mobile first and speed efficiency.
- Made significant improvement to the Business to Business brokering systems to get the Decision In Principle (DIP) times reduced to make Satsuma more competitive in the market.
- Improved the rate of accepted DIP by making changes to the process to avoid drop outs during the registration process.
- Added tracking to monitor where the drop-outs were happening and worked with the business to make improvements to the process in line with financial regulations.
- Refactor legacy code to abide by SOLID principles with areas rewritten using TDD.
- Followed strict company branding guidelines to make sure site was mobile friendly to drive successful applicants

Key Skills:

C#, .NET, ASP.NET, Entity Framework (Code First), MVC5, HTML 5, CSS, jQuery, JSON, XML, Unit Testing (MSTest, NUnit, NSubstitute, Test Driven Development), Team Foundation Server

Previous Experience

Contract Software Developer – thebigword (October 2014 – February 2015)

Software Developer – Enact Conveyancing (June 2012 – August 2014)

Software Developer – thebigword (December 2011 – June 2012)

Senior Web Developer – Universal World Events (June 2005 – December 2011)

Software Developer – e-Goodmanners (March 2005 – June 2005)

ColdFusion Developer – REDtechnology (January 2004 – March 2005)

Developer – BT Exact (July 2001 – August 2002)

Education

BSc (Hons) in Computer Science – University of Teesside