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Neil Highley

.Net professional (C# certified), C#, ASP.Net, .net core, Database, Internet developer, Service Engineer, Fullstack Javascript development, Agile Methodologies, Azure DevOps



.NET Framework 4, Web Applications

Certification

Microsoft Certified: .Net Framework 4/5, Web Applications (C#)

Job Title

C# Software developer

SalonGENIUS, Bournemouth, May 2018-Nov 2019

Joined multinational retail organisation to migrate systems to modern software technology and software development pipelines.

Technical lead on Future Software development implementing **DevExpress** components as a standard set for all tooling to aid in onboarding and reducing maintenance complexity.

Migrated source control systems from internal TFS to external **Azure DevOps**. Implemented **Automated testing** and delivery to key projects. Created translation tool utilising Microsoft Cognitive Framework.

Implemented **.Net Standard C#** for several **COM interop** projects to facilitate migration from legacy VB6 systems.

Worked with **Verifone** and **SagePay** and **LayBuy** to implement updated PDQ EPOS systems for bricks and mortar retail units using REST API.

Created installers using Visual Studio Setup Deployments and Wix

Created Sharepoint based Knowledge Management instruments and tooling to aid in documenting common tasks and software development policy.

Introduced **Test Driven Design** concepts and mentored the team on writing tests using **Xunit** and **MS.Test** for new, and existing, code bases, as well as ensuring new code is written to facilitate easier testing and maintenance.

Technical lead and **Agile SCRUM** advocate, managed release and development pipeline for internal software projects with Azure DevOps

WPF / Azure / C# / SQL / DevOps / TFS / Sharepoint / VB6 / Hyper V / DevExpress / XUnit / MS.Test / Visual Studio 2008-2019 / VS Code

Job Title

C# Industrial Software Engineer

ASM Systems, Weymouth. **February 2016 – April 2018**

Joined large, global, multi-scrum, **Agile** team working on service and desktop software with **C#** industrial robotics for an industry leading SMT manufacturer. Followed bug sprints on JIRA and new projects cross team, mentoring existing team members to incorporate full **TDD** development with high hit-rate **coverage** and automated testing.

Software involved parallel process management and hardware interfaces with a **WinForms 2** User Interface and **XAML** tools for testing with an Automation layer for line control software based on **SOAP WCF**.

Created tooling in XAML and ReactJS to allow Testing team to create scenarios for testing and help debug and test systems.

ASP.NET 4 / 4.5 / C# / WPF / LINQ / jQuery / Javascript / HTML / REST / WCF / XML / XSL / Visual Studio 2013 / 2015 / VSCode / Resharper / dotCover / dotTrace / Codemaid / JIRA / MSSQL 2008 r2 / SQL / IIS8 / Windows Server / TDD / Nunit / dotCover / Hardware / Baldor systems / Industrial Engineering

Job Title

C#, Javascript, Azure Development

TheTin, London. **November 2015 - January 2016**

Joined small team as part of a push to release for a disruptive, **Cloud** base auction site running C# and **KnockoutJS** on **Azure web Application**.

ASP.NET 4 / 4.5 / C# / LINQ / jQuery / Javascript / REST / XML / Visual Studio 2013 / Resharper / SQL 2008 r2 / IIS8 / Windows Server / MSSQL / CSS3 / HTML / TDD / KnockoutJS / Azure

Job Title

C#, Windows Services, WCF, WebAPI, MSMQ, Azure, MSSQL, Various Internet APIs REST, Javascript

AlMedia Comms, London. **February 2015 – November 2015**

Joined medium size team expanding and updating current application platforms. Implemented **Facebook**, twitter integration and **cloud based** workflow into existing applications. Introduced a **microservices** architecture into several systems as part of **cloud migration**.

ASP.NET 4 / 4.5 / C# / LINQ / jQuery / Javascript / REST / XML / Nunit / nHibernate / Visual Studio 2013 / Resharper / SQL 2008 r2 / IIS8 /

Windows Server / Windows Services / asynchronous development /
MSSQL / MSMQ / CSS3 / HTML / TDD / WCF / Services

Job Title

**C#, WinForms, Windows Services, MSMQ,
Oracle, MSSQL, Various Internet APIs**

Precise media, London. **May 2014 – December 2014**

Helped update an integral data mining system with various social APIs. Utilized **unit testing** and **SOLID** principles and helping with integration of a branching, feature based, development structure. **Windows Desktop** development, utilising **parallel** programming, reporting and user interface design with **WPF**. Retrieved records from various APIs. Created a **HTML5 Angular** SPA.

ASP.NET 4 / Winforms / C# / LINQ / jQuery / Javascript / REST / Facebook / Twitter / Gorkana / Angular / XML / XSLT / WPF / Nunit / Ninject / Visual Studio 2010 / Resharper / SQL 2008 r2 / IIS7.5 / Windows Server / Windows Services / asynchronous development / Oracle / MSSQL / MSMQ / CSS3 / HTML / TDD / JIRA

Job Title

Asp.Net WCF developer (C#, WCF, Asp.net 4, MVC, Subversion, Nunit, Ninject) : SCIE, Marylebone, London. December 2013 - March 2014

"Looking back on what Neil has helped us achieve over the last couple of months, he has:

- Been a dedicated technical resource for SCO
- Developed, and launched, the email alert sending tool for SCO
- Made the SCO codebase much more modularised
- Fixed many new and existing SCO features (bugs)
- Provided handover instructions

I would like to publically thank Neil for his hard work, and dedication to the task."

Keith Spink, SCIE

Joined a friendly team of developers to push forward an **Email** alerting system which ran as a modularised **WCF** system hooking into a **SOLR** search engine. Helped junior developers raise their understanding of the opportunities in new development practices and how to utilise Subversion and **Microsoft Test Framework** to create a formalised branching feature driven **SOLID** development process.

ASP.NET 4 / WCF / C# / VB.Net / LINQ / jQuery / XML / XHTML / MVC3/4 / XMLSpy / Nunit / Ninject / Visual Studio 2013 / Resharper / SQL 2008 r2 / IIS7.5 / SoapUI / / Windows Server / Windows Services

Job Title

Asp.Net WCF developer (C#, WCF4, MVC, SQL2008R2, Ninject) : Smart421, November 2012 - November 2013

Joined a large team creating an internal booking, management, reporting and payment processing system for the Airline industry built with .Net 4.0 **WCF**, MVC3/4, **AJAX** and SQL Server 2008R2. Used **TFS**, SoapUI, XMLSpy, KendoUI, **TDD**, **Unit Testing** with Microsoft testing framework, code coverage as part of a large, varied team, moving from

Agile to **Kanban** across teams to produce a PCI secure financial system for a large multinational Airline.

ASP.NET 4 / WCF / X509 CERT/ C# / SQL 2008R2 / LINQ / Javascript / jQuery / XML / WSDL / XHTML / MVC3/4 / KendoUI / XMLSpy / Nunit / Visual Studio 2010 / Resharper / SQL 2008 r2 / IIS7.5 / SoapUI / Active Directory / Windows Server / Windows Services / Agile / Kanban

Job Title

Asp.Net Facebook Developer (C#, WebApi, Facebook, .Net 4.5, Webservices, AJAX, JQuery, MustacheJS, BackboneJS, REST) : Suburb, September 2012

Single Page Application for **Facebook** allowing visitors to the Adidas Football site to sync workouts completed using Adidas' miCoach pedometer dongle with workouts completed by famous Adidas Football stars. Utilised **nodejs** to grab screenshots with **PhantomJS**

"Neil worked with Suburb for a period of 4 weeks to develop a complex Facebook application for one of our clients. During that time I found him to be a dedicated and diligent developer, writing reliable and maintainable code. Neil was always prepared to go the extra mile in order to deliver the project to the highest standards."

Danny Daley, Managing Partner, Suburb.

ASP.NET 4 / Facebook Open Graph / C# / Entity Framework / LINQ / Javascript / jQuery / MustacheJS / BackboneJS / NodeJS / REST / XHTML / MVC4 / Nunit / Visual Studio 2010 / Resharper / SQL 2008 r2 / IIS7.5 / SOLR / Windows Server / Facebook API

Job Title

Asp.Net developer (.Net / MVP / REST / Ajax / Entity Framework / Tridion 2011 / Audience Manager / UGC / AJAX / Facebook) : SAPIENT NITRO, April-August 2012

Worked with **Tridion** and Front End developers to create a global Tridion based system for a large multinational corporation. Utilising **C#** and the Tridion API and **ODATA** services to deliver audience management, Facebook integration and **SOLR** based search functionality.

Implemented **Facebook** API based authentication, married with Tridion Audience Manager Contact Management. Used Tridion ODATA and **User Generated Content** to create rating system which automatically updated search results via **SOLR**. Project was managed in a regular sprint **Agile** style with regular push points from the senior architects.

ASP.NET 4 / C# / Entity Framework / Tridion 2011 / ODATA / LINQ / Facebook / Javascript / jQuery / XHTML / MVC3 / MVPWebforms / Rhino / Nunit / Microsoft testing framework / Visual Studio 2010 / Resharper / SQL 2008 / IIS7.5 / SOLR / Tomcat / Windows Server / Facebook API / Agile

Job Title

ASP.Net developer (MVC3 / Ajax / XML / Entity Framework) : PAREXEL, February 2012

"Neil demonstrated an excellent understanding of the requirements for the project that we engaged his services for, and provided a very strong and configurable code-base for us to deploy into production; which has been very well received by our Client. This was backed up with good documentation and a solid technical platform for the

development process, that gave us great confidence in Neil's ability to fulfil our requirements."

Owen Hall, Parexel

ASP.NET 4 / C# / XML / Entity Framework / TDD / LINQ / Javascript / jQuery / REST / XHTML / MVC3 / Rhino / Nunit / Microsoft testing framework / Visual Studio 2010 / Resharper / ionic zip / jwplayer

Job Title

Azure Developer : IRIS Accountancy Software, **May-December 2011**

Cloud based system for the secure sharing of files between Accountants and Clients. Very hands on with the client with regular meetings comprising of a small agile-lite team.

ASP.NET / C# / Entity Framework / LINQ / DataModel / Javascript / jQuery / HTML / SSL / WCF / WIF / Azure / Sql Azure / MVC3

Job Title

MVC Developer : Other Digital, London, **April 2011**, MVC2 / MVC3 / HTML5 / ASP.NET / C# / Entity Framework / LINQ / DataModel / SQL 2005 / Javascript / jQuery / HTML / MVC 2/ MVC3

Job Title

ASP.NET Developer (.net 3.5 / C# / SVN / JIRA / Facebook API / Twitter API / Javascript) : IRIS Digital, London, **March 2011**, ASP.NET / C# / Entity Framework / LINQ / DataModel / SQL 2005 / Javascript / jQuery / REST / HTML / reCaptcha / JIRA / Facebook API

Training

.NET 4.0 Web Application Development

AppFabric, jQuery, MVC2, routing, webforms, IIS7, SEO, Javascript, HTML, CSS, JSON, REST, jQuery, ASP.NET

Training

WCF (Windows Communication Foundation) .Net 4.0

WCF, IIS7, AppFabric, Webservices, JSON, REST

Earlier experience available by request (1997-2010)

Education

1994-1997 University of Sunderland Sunderland, UK

▪ BSc (Hons) Media Systems 2:1

Achieved Honors with a major paper on internet communication, User experience and psychology of communication.

Interests

Internet Business, Film, Computer Industry, cycling

Primary skills commercial experience > 6 months	ASP (1-4, 4.5, 4.6, .net), C#, SOLID, TDD, Resharper, Unit Testing, WCF, XML MSMQ, Angular, Javascript, IIS, MS SQL Server (all), TSQL, MS SQL DBA & Dev., MS Excel VBA(2000,97), MS ACCESS VBA (2000,97), Search Engine Optimisation, HTML, Knockout, Bootstrap, Facebook, Azure, XHTML, CSS, Accessibility, Linux, SVN, Git,
Secondary skills commercial experience	Networking, BDD, TCPIP, SMTP, POP3, Windows Media Server, Streaming and digital encoding technology
Career Aims	Continually evolve my development skills by continuous appraisal of current technology. Being able to move towards different technology and areas as the client requires.

Personal Statements

Skillset

I am a solid Microsoft developer, and have made this a core foundation for my career and development. I have avoided a few pitfalls for utilising Microsoft's extensive support for its developers. This is not to say I am bound by any niche, and have had a second string, which I generally tie to competing but complimentary technologies in the Internet sphere. Whether it is Unity3D, NodeJS, PHP, or the many nuances of the industry which I have had the pleasure to work in.

I have recently found hackathons and have participated in several in 2015 and 2016, where I created electronic hardware using Raspberry Pi, and Arduino, programmed apps on Android, Apple Swift and Windows phone, all of which are on their relative app stores. I have won several prizes having come second and first in several areas. I find the concentrated atmosphere of the development and pitch help develop self-reflection and in natural work have introduced a very lean way at looking at work and development.

Achievements

I pride myself in constant change, which has recently been sated by my involvement in the Hackathon scene in London. My current move towards industrial development fills me with excitement, as do all new spheres. My enthusiasm for new work is often quoted by workmates and previous clients. This tends to translate in me getting some incredible offers to work for some very exciting projects.

My greatest achievements are always what I am currently working on, whether it is realtime disruptive Auction Platforms (TheTin), or controlling industrial machinery and learning about PLC (ASM Systems)

I have worked with many major brands, including (but not limited by)

BBC Worldwide, The European Union, Landover, Adidas, Maestro, Phillip Morris, Agent Provocateur, Toni and Guy, Canon, inBev, Unilever, Lowe Worldwide, Ogilvy, ParExel, PepsiCo, Royal Bank of Scotland, Virgin Atlantic, Shell Global, IRIS, Royal Mail, Vuelio, Precise

Objective

I have always been a fan of the flexibility and fluidity of Javascript and the unstoppable juggernaut of Javascript is extremely exciting, and as Microsoft move towards the node style of framework with .Net Core I'm sure the opportunities and areas will grow exponentially. I hope to continue to be at the vanguard of the connected net experience, as we are living in a very exciting period of growth for interconnected technologies.

Advancing my knowledge of other programming languages helps me understand different ways of approaching problems, using the Functionality of F#, or examining data sets using R and Python. Transpilers look like they will be breaking through into mainstream development from the internet world, and this will herald an explosion in context-driven language development. I don't think anyone will be able to avoid the polycode skills requirements in the future.

My future will contain more coding opportunities and hard as well as soft technology. This is what excites me about a career in IT development, the pace of change and the technology is always cutting edge are in tune with my internal drive to continue learning and participating in the drive for web expansion across all aspects of life.

As well as being able to take on mentoring roles or Project lead roles when appropriate, I recognise that as the market matures these skills will be in much demand and can contribute positively to any role. Throughout my career I have appreciated that technical decisions often are made by Project Owners outside of the development bullpen and as such have proven myself an excellent communicator in all aspects of delivery.

Hobbies

Outside of my professional hobbies, and my general tinkering with new tech, I am a keen performer and committee member at my local Theatre, where I also run a weekly community Theatre and Film Group. At the group we introduce people to the dramatic arts, Stage Craft and Short Film production. I run a fortnightly cinema screening group showing a wide range of genres, and international short films. I also manage their press and marketing efforts, increasing exposure and ticket sales to the Theatre considerably.

Neil Highley

<http://www.neilhighley.com>