IAN McINNES - CURRICULUM VITAE

Senior Full Stack Developer C# .Net / Angular / SQL

EXPERIENCE

.Net (1.0, 2.0, 3.0, 3.5, 4.0, 4.5, 4.6) 18 years

.Net Core (2.1, 2.2) 1 year

C# 18 years

ASP.Net MVC (2,3,4,5, Core) 9 years

Web API (REST) 6 years

Azure AD, KeyVault, ServiceBus 1 year

LINQ 8 years

Entity Framework (4.0, 6.0, Core) 8 years

SQL Server (6.5- 2017) 22 years

Solr / Lucene 1 year

WCF 10 years

SignalR 1 year

Angular (5, 6, 7) 1 year

TypeScript 1 year

RXJS 1 year

NPM 1 year

Jasmin 1 year

HTML 10 years

Mongo DB (NoSQL) 2 years

Dependency Injection (Unity /Windsor) 9 years

JavaScript 3 years

AngularJS 6 months

Visual Studio (2003-2017) 18 years

TFS / SVN / GIT / JIRA 11 years

Agile/Scrum/Kanaban 14 years

MSTest / NUnit / Moq 12 years

ADO.Net 12 years

Ajax 4 year

SOAP 15 years

XML 17 years

XSLT 1 years

CSS 2 years

WPF 18 months

Active Directory (ADSI/LDAP) 2 years

Multi-Threading 4 years

PERSONAL DETAILS

NAME Ian McInnes

ADDRESS 30 Barons Court Rd,

West Kensington,

London,

W14, 9DT.

E-MAIL [McInnesIan@HotMail.Com](mailto:McInnesIan@HotMail.Com)

TELEPHONE 07861393070

NATIONALITY British

MARITAL STATUS Single

EMPLOYMENT RECORD

Mar 2018 – Apr 2019 Jet2

Senior Developer (Contract)

Developed reactive property search website allowing reps to search for hotel/villa and retrieve detail.

Developed property document management. Allowing both third party and Jet2 contributors to create/update content, editors to review, approve and version content

Development of Customer information website, high performance website used by call centre to resolve customer queries.  
  
Conversion of Aircraft/Airport safety compliance suite moving the application suite from TMG and Windows Kerbos security to OpenId/Oauth2.

OICD conversion and SSO integration of aircraft safety audit suite using ADFS, ADAL, OpenId/OAuth2   
  
Tools: C# .Net Core 2, TypeScript, ASP .Net MVC/Core 2, Angular 5/6/7, Entity Framework Core, Dapper, LINQ, SQL Server 2016, T-SQL, SignalR, Lucene, Solr, RJXS, JavaScript, Bootstrap, HTML, CORS, ADFS, OpenId/OAuth, ADAL, ITextSharp, AutoMapper, NPM, Jasmin, TFS Git, Octopus, XUnit, Moq, VS 2017, VS Code, Kanaban.

Jan 2017 – Oct 2017 QA Consulting, Premium Credit

Senior Developer (Contract)

Integration of existing MVC/Web API applications and web site with none standard custom framework into Azure SSO B2C. Existing applications modified to allow existing multiple ids to be migrated and integrated into a single id. Allow concurrent legacy authentication mechanisms to run concurrently until migration chosen by user. Development of portal to facilitate migration and allow access point for federated applications. Significant research and development was required to integrate none standard application to work with OpenId and Azure.

Development of a digital credit agreement website. This was in the form of an IFrame which could be configured to take on the look and feel of its parent third party website, allowing insurers to call the website from their application on selection of credit agreement option. The IFrame would use HTML templates and with the customers details generate a credit agreement. Whilst viewing the agreement details regarding the customer’s location, browser, OS, machine and interactions with the IFrame would be gathered and recorded as evidences of acceptance of the agreement. When the user accepted the agreement the evidences would be encrypted and embedded in the HTML document, the document would then be electronically signed used PKI private key using Azure KeyVault and stored in a document store. Credit Agreements requiring Broker authorisation stored/forwarded via Azure Service Bus.

Responsible for design, coding, testing, mentoring junior team members, code reviews.

Tools: C# .Net 4.5, VS 2015, ASP .Net MVC 5, Web API (REST), WCF, Entity Framework, LINQ, SQL Server 2014, T-SQL, HTML, CORS, Azure AD, Graph API, ADAL, OpenId Connect, PKI, CNG, Azure AD, B2C, Azure KeyVault, HSM, ADSF, OWIN, Azure Service Bus, NUnit, Moq, Unity (IOC), TFS, Agile.

Jul 2015 – May 2016 CSC, Luton

Senior Developer (Contract)

Development of Franchisee Ordering website for BHS. This was to replace an existing website written in Classic ASP and VB maintained by three senior developers. My role was to mentor the staff in C#, .Net technologies and object orientation, collaborate with Technical Architect in designing a solution and work on sprint items assigned to myself including: SKU loading, matching, reconciliation and ordering, during the development providing estimates, design, coding and testing.

Tools: C# .Net 4.5, VS 2015, ASP .Net MVC 5, Web API (REST), Entity Framework, LINQ, SQL Server 2014, T-SQL, HTML, Angular, JavaScript, Open XML, OWIN, MSTest, Moq, Unity (IOC), GIT, Jenkins (CI), DDD, Agile.

Aug 2014 – Mar 2015 Mothercare, Watford, WD24, 6SH

Senior Developer (Contract)

Development of a web based order/supply/stock management system, allowing worldwide franchises to order products and for the order supplies and transit to be automatically consolidated from a global supplier network. Involved estimating, design, coding and testing.

Tools: C# .Net 4.5, VS 2013, ASP .Net MVC 5, Razor, Web API (REST), WCF, MSMQ, Entity Framework, LINQ, SQL Server 2012, T-SQL, HTML, Telerik Kendo Controls, JavaScript, JQuery and MSTest, Moq, Castle Windsor (IOC), Jenkins (CI),GIT, JIRA, Agile/Scrum.

Jan 2012 – Apr 2014 National Archives, Kew, Surrey, TW9, 4DU

Senior Developer (Contract)

Development of:

Discovery public facing website allowing public to search, browse and purchase archived materials.   
Single-Sign-On using WIF WS-Federation.   
Archive accessioning website.   
Back-office system for managing inventory and archive items in WPF.  
High volume multi-threaded, archive load jobs.  
  
Tools: C# .Net 4/4.5, VS 2012/2013, ASP .Net MVC 3/4/5, Razor, HTML, WPF, WCF, Web API (REST), LINQ,PLINQ, TPL, WIF, WS-Federation, SAML, SQL Server 2008, T-SQL, Mongo DB (NoSQL DB), TPL, PLINQ, TFS 2010/2013, MSTest, Moq. Agile/Scrum

Nov 2011 – Jan 2012 De La Rue, Jays Close, Basingstoke, RG22, 4BS

Senior Developer (Contract)

Development of contract management and due diligence website.

Engaged in gathering user requirements, estimating, coding and testing.

Tools: C# .Net 4, VS 2010, ASP .Net MVC 3, Telerik Controls, JQuery, JavaScript, Entity Framework, LINQ, Structure Map (IOC), SQL Server 2008 R2 TSQL and MSTest, Agile Kanaban.

March 2011 – Nov 2011 Walt Disney, 3 Queen Caroline Street, London, W6, 9PE

Senior Developer (Contract)

Development of a Disney/Marvel contract automation website allowing the automated production of contracts from Word documents substituting variable text with client data held on a database. Engaged in gathering requirements, design, coding and testing.

Tools: C# .Net 4, VS 2010, ASP .Net MVC 2, HTML, JavaScript, JQuery, Ext JS, HTML, Ajax, WCF, LINQ-SQL, SQL Server 2008,TSQL, NUnit,, Castle Windsor (IOC). Methodology Agile/Scrum.

Jul 2010 – December 2010 Thomson Reuters, 30 South Colonnade, London

Senior Developer (Contract)

Development of website for network hardware/software configuration for building net cells, LANs, deploying and imaging servers and software packages. Involved in team management, recruitment, gathering requirements, design, coding and testing.

Tools: C# .Net 4.0 and VS 2010, ASP .Net MVC 2, Entity Framework 4.0, LINQ, WCF, Microsoft Enterprise Application Blocks 5, TFS, MSTest, Moq, Unity (IOC), SQL Server 2008. Methodology Agile.

Jan 2010 – Jun 2010 Deutsche Bank, 6 Bishopsgate, London

Senior Developer (Contract)

Development of regionalisation software deployment packager for Windows 7. Responsible for gathering requirements, design, coding and testing.

Tools: C# .Net 3.5, VS 2008, WIX and TFS 2008, Agile.

Jan 2009 –Dec 2009 Pension Protection Fund, Knollys House, 17 Addiscombe Rd, Croydon

Senior Developer (Contract)

Development of Actuarial Calculation Engine accessed as a common service and by Excel Addins. Responsible for gathering requirements, design, coding and testing.

Development of desktop based pension fund insurance application for recording fund assets and liabilities and calculation of scheme levy. Responsible for design, coding and testing.

Tools: C# .Net 3.5, VS 2008, Winforms, TFS, WCF over TCP/IP, SQL Server 2005, TSQL, Microsoft CAB, NUnit. Methodology Agile/Scrum.

Apr 2008 – Dec 2008 Lexis Nexis Butterworths, Globe House, Victoria Way, Woking

Senior Developer (Contract)

Development and maintenance of legal publication fabrication website. Responsible for design, coding and testing.

Development of custom controls in WPF. Responsible for design, coding and testing.

Tools: C# .Net 3.5, VS 2008, ASP.Net Webforms, Ajax, WPF, WCF, Windows Services, SQL Server 2005, TFS, MSTest. Methodology Agile.

Jul 2007–Dec 2007 Thomson Reuters Maple House 37-45 City Road, London

Senior Developer (Contract)

Development of financial fixing engine (LIBOR/SONIA/EURONIASWAP), each fixing running under its own thread. Responsible for design, coding and testing.

Tools: C# .Net 2, .VS 2005, Winforms,.Net Remoting, SVN, MSTest, Multi-threading

Nov 2006–Jun 2007 RBS 2 Waterhouse Square, 138–142 Holborn London, EC1N, 2TH

Senior Developer (Contract)

Development of website used to record requirements for NT to XP migration and create task sheets for third party to migrate all hardware and software. Engaged in full project lifecycle: gathering requirements, design coding and testing.

Tools: C# .Net 2, VS 2005, ASP .Net Webforms, ASP .Net WebServices, AJAX, CSS, HTML, JavaScript SQL Server 2000, TSQL, NUnit.

Apr 2006 – Oct 2006 SwebTec 12 Hurlingham Business Park, Sullivan Rd London

Senior Developer (Contract)

Development of messaging system to allow communication with NHS Spine. Sole developer responsible for full project lifecycle: gathering requirements, design and coding.

Tools: C# .Net 2, VS 2002, COM+, HTTP, XML, XSLT, EBXML, HL7, SOAP.

Jan 2005 – March 2006 CFS (Co-Operative Financial Services), Miller St, Manchester

Senior Developer (Contract)

Developed payments component of car/home insurance application, designed to run in both disconnected laptop mode for use by Financial Advisors and in Call Centres. Sole developer responsible for design, coding and testing.

Tools: C# .Net 2, VS 2005, Winforms, WebServices, Crystal Reports, SQL Server, ADO .Net Datasets.

Aug – 2005 Apr 2006 Mondial, 102 George St, Croydon, CR9, 1AG

Senior Developer (Contract)

Development of car insurance assistance application using C# .Net 2, VS 2005, Winforms, WebServices, MSMQ, Oracle 10g, ClearCase, CruiseControl, NUnit. Agile.

Sep 2004 – Aug 2005 HBOS, 50 Cote Lane, Pudsey, West Yorkshire, LS28, 5GF

Senior Developer (Contract)

Development of Automated code delivery system for distribution and installation of applications to over 100,000 workstations/servers running Windows XP/2003.

Developed an automated desktop configuration mechanism for application availability, network shares and printers on Windows 2003 Server and Windows XP. The system was driven by user defined Active Directory classes and Group Policies.

Tools: C# .Net 1,1, VS 2003, Winforms, Windows Services, Net Remoting, COM+,#, Active Directory, ADSI, LDAP, WMI and Multi-threading Oracle 9i, PL/SQL, ADO.Net, NUnit.. Agile methodology.

Apr 2004 – Sept 2004 Connect, South Quay Plaza ll, 183 Marsh Wall, London

Senior Developer (Contract)

Development of EPOS system using C# .Ne 1.1, VS 2003, ADO .Net, XML, Winforms, SQL Server 2000.

Jan 2004 – March 2004 MCSD C# and VB.Net

Microsoft certified training company. Gained MCSD in C# .Net and MCP in SQL Server Administration.

EDUCATION

1969 – 1974 Gatacre Comprehensive School, Liverpool

GCE 'O' Levels - English Language, Mathematics, Physics, Chemistry, Geography, Biology, Geology

1978 - 1979 Central Liverpool College of Further Education

GCE ‘A’ Levels - Geography,

General Studies, Economics

1980 – 1981 Liverpool University

BSc Computer Sciences

AVAILABILITY

Immediate