Curriculum Vitae

David C. Ezechukwu

**B.Eng. Kings College London**

#### Mobile: 0756 850 7218

# Landline: 01733 853 3689

Email: [davidezechukwu@hotmail.com](mailto:davidezechukwu@seeforms.com)

https://www.linkedin.com/in/davidezechukwu

|  |  |
| --- | --- |
| Summary | **I have a British Mensa Cattell III B IQ test rating of 155 (maximum is 161).** **My International Knowledge Measurement (IKM) score on ASP, C#, HTML AND JAVASCRIPT is 96%.**  I started programming at 11 as a hobby using BASIC on a ZX Spectrum +2. I started off as a games device driver writer after graduating, and then moved on to SQL, C++, VC++, Win32, MFC, ASP.NET, JavaScript, CSS, HTML and MVC. |
| Languages and Technologies | .Net Core (MVC 6), C#, ASP.NET, MVC, XML, XSLT, XPATH, XSD, XAML, T-SQL, LINQ, HTML4, HTML5, AJAX, JQuery, JavaScript, JSON, CSS2, CSS3, SASS, TDD, BDD, Web Services (REST & SOAP), Telerik ASP.NET AJAX, Telerik Kendo UI, IIS, AngularJS, Knockout, Underscore, Node.js, Jasmine, NUnit, nMoq, Gulp, Git, Unity |
| LinkedIn Profile | [**http://www.linkedin.com/pub/david-ezechukwu/47/298/690**](http://www.linkedin.com/pub/david-ezechukwu/47/298/690) |

# Work Experience

* **Aon (22 May 2015 to present)**

|  |  |
| --- | --- |
| Employer | [**Aon**](http://www.aon.com/default.jsp) |
| Position | Full-stack Web Consultant |
| Description | Part of a large multinational team with diverse expertise progressively converting Aon Hewitt’s flagship HR solution, Flex Benefits, from ASP.NET to an MVC.NET/AngularJS SPA. Flex Benefits, is a series of easily configured multi-tenanted enterprise applications which offer large corporate employers the ability to give their staff tailor made-incentives, Reinsurance and Benefits. Offers are regionally tailored to each person's exact needs and include a wide range of options. The product has its own online financial language and interpreter. Aon plc is a British multinational corporation headquartered in London, United Kingdom, that provides risk management, insurance and reinsurance brokerage, human resource solutions and outsourcing services. Aon has approximately 500 offices worldwide, serving 120 countries with 65,000 employees. |
|  | * ASP.NET MVC Full-stack development * ASP.NET Web Forms (legacy code maintenance) * Extensive Front-end Development using Bootstrap 3 and AngularJS. * Scrum (Agile) and Continuous integration using Visual Studio 2013 Ultimate * CQRS using T4 Templates (Entity Framework) * Telerik Kendo UI & RadControls for ASP.NET * Grunt * PowerShell * Extensive SQL Server Development, Profiling and optimization * AppDynamics * Resharper Enterprise |

* **Royal College of Surgeons (August 2014 – 15 May 2015)**

|  |  |
| --- | --- |
| Employer | [**Royal College of Surgeons**](https://www.rcseng.ac.uk/) |
| Position | Technical Architect |
| Description | I was Architect working on the reworking of an existing NHS Surgeon Certification Portal. In essence, this is the application that manages the 8-year training course that graduate doctors undertake before they are certified as surgeons. |
| Tasks | * Design Patterns * ASP.NET, C# * TDD using Ninject (AutoMapper) * SQL 2012 Database development * Responsive Front-end Development using Bootstrap & JQuery * XSLT transformation from Relational Data to HTML/XML/PDF using T-SQL XML extensions |

* **Intel (February 2014 – 18 July 2014)**

|  |  |
| --- | --- |
| Employer(s) | [**Intel**](http://www.intel.com) |
| Position | OO JavaScript Consultant |
| Description | JavaScript consultant on the Intel Security Common UI initiative. The Common UI initiative aims to unify management and administration behavior, workflow, look and feel across a range of intel security products. Build and test once in Java and JavaScript, re-use everywhere. |
| Tasks | * Extensive OO JavaScript using ExtJS, Eclipse and Maven, Apache Tomcat. * RESTFUL API development using JSON and JSON-Schema for validation * TDD & BDD using Jasmine, NodeJS and Karma test runner * Continuous integration using Jenkins, Cobertura and Maven * Internationalization * Mobile and Tablet Responsive web programming. * Scrum (Agile) using Version One and Code Collaborator |

* **Self-employed (December 2012 – November 2013)**

|  |  |
| --- | --- |
| Employer(s) | [**seepromosat.com**](http://seepromosat.com) |
| Position | Owner |
| Description | Creator of a paperless e-commerce platform (seeforms.com ) available in 15 languages and in 80 currencies. It has [**Enterprise Forms Automation**](http://en.wikipedia.org/wiki/Enterprise_forms_automation); Instant Messaging; and an SMS-empowered online appointment manager. Listings come as exquisite cross-browser mobile and tablet friendly e-commerce shop fronts that contain staff details, services; products; online forms that could be completed before or after appointments; locations; and opening times. I wrote an engine which allows the runtime creation of ASP.NET data capture forms. |
| Tasks | * Extensive C#\ ASP.NET (4.0), MVC4, TDD, Telerik ASP.NET AJAX * Extensive XML to XHTML front-end using XSLT * LINQ and ETF * HTML5, HTML4, SASS,CSS3, JQuery, JavaScript and JSON * Internationalization * Mobile and Tablet Responsive web programming. * SQL Server Performance Tuning * Search Engine Optimization, Google Translate, Google Analytics, Google Maps * TDD, Unity * Microsoft Azure (Cloud Hosting And Administration) |

* **NHHT (February 2009 –November 2012)**

|  |  |
| --- | --- |
| Employer | [**Notting Hill Housing Trust**](http://www.nottinghillhousing.org.uk/). (from 2009 to November 2012 ) |
| Position | ASP.NET Consultant |
| Description | Revamped [**Notting Hill Housing Trust**](http://www.nottinghillhousing.org.uk/shared-ownership-form/) online mortgage application site.  Mortgage WCAG-2 compliant application collected application forms data (incomes, outgoings, circumstances, etc.) using an exquisite ASP.NET form; analyzed these data using SQL Server Jobs; rate the application using a specific rating scheme due to high demands and government; and finally schedule viewings for properties that match the buyers profile and rating. |
| Tasks | * C#\ ASP.NET(1.x, 2.x, 3.5, 4.0) \LING\ETF\XHTML\JQUERY\SQL client and server side development * Extensive Telerik control integration * XML\XSD\XSLT Web services interfacing to GovTalk and Supporting People * Internationalization (Front-end and data) using Google APIs. * WYSE(VMWare) and Citrix |

* **Burrows(March 2006- January 2008)**

|  |  |
| --- | --- |
| Employer | [**Burrows**](http://www.burrows.info/index.html), The Burrows Building, 5 Rayleigh Road, Shenfield, Brentwood, Essex, CM13 1AB |
| Position | XHTML/XML/XSLT/XPATH Consultant |
| Description | Team Lead. Worked as part of a team that re-wrote an existing brochure system that is used by Ford Motors, Mazda and Jaguar. |
| Tasks | * C# ASP.NET 2.0 server-side web development using Visual Studio 2005 Team Suite (Team Foundation Server) * Extensive XML to XHTML Transformation using XSLT * Document transformation using XSLT (XPATH) * Excel Data Import * Front-end web development using AJAX, JavaScript, CSS and the Telerik R.A.D control toolset. * Stored Procedure, Trigger, etc T-SQL scripting (in conjunction with ado.NET) |

* **Computer People (2005-2006)**

|  |  |
| --- | --- |
| Employer | [**Computer People**](http://www.computerpeople.co.uk/Pages/default.aspx), The Triangle, 5 Hammersmith Grove, W6 0QQ |
| Position | ASP.NET Consultant |
| Description | Worked as part of a team that re-wrote Computer People Timesheet management system. |
| Tasks | * C# ASP.NET 2.0 server–side web development * SQL Server 2005 |

* **BBC(2004-2005)**

|  |  |
| --- | --- |
| Employer | [**BBC**](http://www.bbc.co.uk), 201 Wood Lane, Whitecity, London, W12 7TP |
| Position | XHTML/XML/XSLT/XPATH Consultant |
| Description | Part of the team that developed the WCAG-2 compliant h2g2. h2g2 is often regarded as the forerunner to Wikipedia. |
| Tasks | * XML to XHTML Transformation using XSLT |

* **HM Stationary Office (2003-2004)**

|  |  |
| --- | --- |
| Employer | [**HM Stationary Office**](http://www.hmso.gov.uk), 51 Nine Elms Lane, London, SW8 5DR |
| Position | ASP.NET Consultant |
| Description | Hired to implement a Network Rail’s request that involved the transformation of the desktop-based existing Network Rail‘s paper-based Sectional Appendix catalogue to an online version |
| Tasks | * XML to XHTML Transformation using XSLT * ASP.NET Web Forms |

* **Harris Corporation (2001 - 2003)**

|  |  |
| --- | --- |
| Employer | [**Harris Corporation**](http://www.harris.com) |
| Position | MFC VC++ Consultant |
| Description | Hired for the maintenance of a broadcasting Application Suite, which provides an end-to-end solution for program scheduling, audience ratings management and planning. Harris Corporation is a prominent provider of sales, traffic, programming and financial systems for the broadcast industry |
| Tasks | * MFC, C++, DCOM On-going maintenance work providing expert solutions and advice on Win32 related issues |

* **Computer Associates(2000-2001)**

|  |  |
| --- | --- |
| Employer | [**Computer Associates**](http://www.ca.com)**,** Ditton Park, Datchet, Slough, Berkshire, SL3 9LL |
| Position | W32 Device Driver Consultant |
| Description | Win32 and Device Driver Development |
| Tasks | * MFC, VC++ Front-end and server-side Application development * TCP/IP Network programming * Low level (Device Driver) development |

* **SITA(1998-2000)**

|  |  |
| --- | --- |
| Employer | [**Sita**](http://www.sita.aero/), Clock Tower Road, Isleworth, Middlesex TW7 6DT |
| Position | ATL, VC++ Consultant |
| Nature of Business | Telecommunications And Air Operations (Global Enterprise) |
| Description | Enhancement and maintenance of a Flight Plan Application Suite. Sita is the principal provider of global information and telecommunication solutions for the civil aviation industry |
| Tasks | * MapInfo, MFC, C++, DCOM, ATL Front-end and server-side Business Logic Layer development |

* **Danmere (1995-1998)**

|  |  |
| --- | --- |
| Employer | Whitehall, 75 School Lane, Northwich, Cheshire CW8 1PF |
| Position | W32 Device Driver Programmer |
| Tasks | * X86 MASM Device Driver developments (Tape Storage). |

# Education

* **University Education**

1992-1995 Kings College London, Information Systems Engineering *Grade* 2.2

|  |  |  |
| --- | --- | --- |
| Advanced Software Engineering | SSADM | Communications |
| Declarative & Functional Programming | Operating Systems | Formal Specification |
| Human Computer Interaction | Distributed Systems | System Verification |
| Object-Oriented Analysis & Design | Project Management | Database Systems |

**Personal Details**

Date of Birth: 15 October 1973

Driving Licence: Yes

# Personal Interests

Tennis & Football

Chess & Scrabble

Maya (3D Animation)



