Curriculum Vitae

Toby Austin

I am a competent and experienced developer specialising in Microsoft technologies. I have been designing and writing software since my early teens and professionally for over twenty-five years. I created a software consultancy business in 1995 and since then have worked on both short and long-term contracts for a number of companies. Outside of these contracts I also work on small ad-hoc projects, as well as my own software. A couple of years ago I made the decision to end the consultancy work to find a full-time position.

I am competent working on front-end user interfaces, middle-tier, and back-end database design. I have a wide range of experience in a number of different sectors including finance, scientific research, and the sports-betting industry.

# Personal Details

Name: Mr Toby Austin

Date of Birth: 26th October 1968

Birth Place: London

Nationality: British

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# Primary Skills

## Microsoft .Net Framework and related stack

Over fifteen years’ experience from early beta through to version 4 and **.Net** **Core** 2

* **C#** (preferred) or **VB.Net** using Visual Studio
* Web development using **ASP** **MVC .Net Core** (and legacy ASP.Net) and **Blazor**
* **Entity Framework**
* **Typescript**
* **Azure** (and **Google**) Cloud Development
* **Web API**
* Windows development using **WPF** (and WinForms)
* **LINQ** and Functional Programming

## Database

* Over ten years’ of **SQL Server** experience to version 2017 including:  
  SQL Server **Data Tools**, SQL Server **Reporting Services**, SQL Server **Integration Services**, SQL Server **Analysis Services**, SQL **BCP**
* **Azure SQL Database** (with **Power BI**)
* **Oracle**, including PL/SQL
* **Microsoft Access**
* NoSQL databases (**Cosmos DB**, **MongoDB**)

## Source Control & Continuous Integration, Deployment

* **Git** and **Mercurial** distributed version control
* **Team City** and **Octopus Deploy**
* **Microsoft Team Studio**
* Microsoft Visual **Source Safe**

## Other

* **HTML5**, **CSS** (and **SCSS**, **Less**), **JavaScript**, **Vue.js**, **React**, **Angular**, **JQuery**, **Ext JS**, **AJAX**.
* Some exposure to mobile app’ development using **Xamarin**
* Agile, TDD/BDD, **NCrunch**, **SpecFlow**
* XML, XSL, XSD
* Microsoft **Orleans**
* **ReSharper**, **StyleCop**, **FXCop**, **Elmah**
* **Azure Analytics, log4net**, **NLog**
* Various tools as and when e.g. **SignalR**, **WCF**, **GraphQL**, **CQRS**, **Redis**, **npm**, **Bootstrap** etc

# Previous Experience

## Crowd Cat

### Data Driven Marketing and Analysis

### May 2019 –

### Senior Developer

Senior developer working in a small team on a variety of projects.

* C# .Net ASP MVC Core
* Typescript
* Azure SQL Database
* Azure Storage
* Blazor
* Angular

## KeyedIn Manufacturing

### Manufacturing ERP Software

### July 2018 – February 2019

### Senior Developer

Working remotely with occasional travel to Dublin, I was a senior developer working in a small but highly skilful team on KeyedIn’s Manufacturing ERP software.

* C# .Net ASP MVC Core
* Typescript
* Azure SQL Database
* Azure Storage
* GraphQL
* Microsoft Orleans

## Vintage Cash Cow

### Online Antiques, Leeds

### March 2018 – July 2018

### Sole Developer

Working remotely for this rapidly growing online antiques trader, I am responsible for the design, coding, and implementation of a web-based tool to automate and track the selling of antiques on eBay.

* C# .Net ASP MVC Core
* Vue.js
* Azure SQL Database
* Azure Storage
* Bootstrap 4
* eBay API

## Bluebird Technology

### Software House, Cambridge

### January 2018 – July 2018

### Developer

A small part-time project for Bluebird Technology working on their Bird Journal product (Windows iOS and Android). I am writing C# middle-tier code to help update and manage their MongoDB database and integrate builds with Team City and Octopus Deploy.

* C# .Net 7.2
* MongoDB
* Team City
* Octopus Deploy

## WSP

### Construction, Cambridge

### June 2013 – December 2017

### Senior Developer

Working for WSP (a multi-national engineering company), on behalf of Kier UK (construction services), I helped design and write software to provide the scheduling and recording of road repairs. In a small team of two, the web-based software was critical in day-to-day operations for several borough councils and had several hundred users. The software accessed very large cloud-based databases and accessed modern APIs such as Google Maps, whilst at the same time interfacing with legacy systems.

* C# .Net 7.2
* ASP 5.2
* SQL Server 2017
* Azure
* Google Cloud
* Google Maps API
* Ext JS (JavaScript framework)
* Agile / TDD
* Web API
* Legacy system integration

## Fluxys/GMSL

### Software House, Cambridge

### January 2013 – February 2013

### Senior Developer

Fluxys are the parent company for GMSL (see below). Having successfully completed several contracts at GMSL, I was asked to undertake a short-term contract for Fluxys to refactor some legacy C++ code to C#.

* C# .Net 4.0
* Agile / BDD

## GMSL

### Software House, Cambridge

### December 2011 – December 2012

### Technical Lead

GMSL specialise in trading software for the UK and European gas and power industry. This new project was to create a web-based application to enable Power (electricity) trading in the UK and German markets.

* C# .Net 4.0
* MVC3
* Entity Framework 4.2
* SignalR
* Web API
* SQL Server 2008
* Agile / TDD

## Iceni Mobile

### Mobile Communications, Little Chesterford, Essex

### August 2011 – December 2011

### Developer

Iceni mobile were a company dealing in telephone banking, primarily in the African and South American market. I helped develop middle-tier web services as well as a front-end administration website.

* C# .Net 4.0
* ASP MVC3
* ASP 4.0 (using MVP)
* WCF
* Agile / TDD

## GMSL

### Software House, Cambridge

### January 2009 – July 2011

### Developer

GMSL specialise in trading software for the UK and European gas and power industry. This project involved an enhancement to an existing legacy application to facilitate trading on the European market.

* VB6
* Oracle 10g

## Travelex

### Financial Institution, Peterborough

### June 2008 – December 2008

### Consultant / Senior Developer

Travelex were introducing a new cash-card expenses payment system for sale to the shipping and airline industry. I was responsible for front-end development and secure transaction handling.

* C# .Net 3.5
* ASP.Net 3.0
* SQL Server 2005
* WCF Web Services
* Web Security

## Retail Insight

### Retail Consultancy, Richmond/Cambridge

### February 2008 – May 2008

### Consultant / Developer

Sole developer working off-site on a Windows application to facilitate the capture of supermarket pricing information.

* C# .Net 3.5
* Winforms
* SQL Server 2005

## GMSL

### Software House, Cambridge

### May 2007 – January 2008

### Senior Developer

GMSL specialise in trading software for the UK and European gas and power industry. This project involved a VB6 to .Net conversion and enhancement to existing software to interface with Centrica’s trading system.

* VB6 to C# .Net 2.0 migration
* Oracle 10g
* WCF Web Services

## PPD

### Pharmaceutical and Biotech, Cambridge

### November 2004 – April 2007

### Technical Architect / Senior Developer

PPD manage large scale scientific trials and I worked on both a Windows and web application to aid in the bidding process for these trials.

* VB6
* ASP.Net 2.0
* Oracle 10g
* SQL Server 2005

## SDS Applications

### Financial Software House, Chesham, Bucks

### June – October 2004

### Developer

A financial software house specialising in software for mortgage brokers.

* ASP
* SQL Server 2000

## GlaxoSmithKline

### Pharmaceutical and Healthcare Research, Stevenage, Herts

### August 2002 – February 2004

### Technical Architect / Senior Developer

Sole architect and developer on intranet site to aid with the capture and manipulation of scientific data.

* ASP.Net 1.0
* SQL Server 2000
* GenBank

## GlaxoSmithKline

### Pharmaceutical and Healthcare Research, Stevenage, Herts

### July 2000 – May 2002

### Consultant / Analyst-Programmer

Sole UK developer (but also worked with colleagues in the US) on a Windows application to aid the visualisation of gene data.

* VB6
* Microsoft Access

## recruitment.com

### Online Recruitment Agency, St. Albans, Herts

### April - June 2000

### Senior Web Developer

Worked for a small start-up company on a website for online job recruitment.

* ASP
* SQL Server 2000

## Ford

### Motor Company, Warley (Brentwood), Essex

### 1997-2000

### Analyst-Programmer

Development of Windows and intranet software to aid workflow on a production line.

* VB6
* ASP
* Oracle

## Reuters UKI

### News/Information Agency. Gt. Sutton Street/St Catherine's Dock, London

### 1996-1997

### Analyst-Programmer

Worked on Various financial applications.

* VB4
* Oracle

## Reuters

### News/Information Agency. Fleet Street, London

### 1994-1996

### Analyst-Programmer

Several small projects, to aid Reuters staff.

* VB4
* Oracle

## Merck Sharp & Dohme

### Pharmaceutical Research, Harlow, Essex

### 1990-1994

### Support and Junior Analyst-Programmer

Helpdesk and desktop support.

## WH Lee/WH Brown

### Estate Agents, Hertford/Hoddesdon, Hertfordshire

### 1987-1990

### PC/Network Support

General IT support.

# Academic Qualifications

## University of Hertfordshire

### Hatfield (part time, day-release)

### 1991-1995

* Degree in Computer Science

# DeHavilland College

## Welwyn Garden City (part time, day-release)

## 1989-1991

* BTEC Higher National Diploma in Computer Studies

# Richard Hale School

## Hertford

## 1980-1987

### 'A' Level

* History
* Geography

### 'O' Level

* English
* Mathematics
* Biology
* Physics
* Computer Science
* Economics