Jonathan Bates

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# Employment Details

Oct 2005-Present – Analyst Developer, ILLY Computer Systems Ltd, N1

Main Role

* Designing and developing sections of a market-leading drug-rehabilitation application
* Currently converting the monolithic web application into an **SOA**-based distributed application
* Involved in reconciling customer requirements with complex business logic from government-mandated requirements
* Primarily develop using **C#**, **Monorail** (a .Net MVC web framework), **NHibernate 3**, **Linq**, **SOA** (using **NServiceBus** & **MSMQ**), **MS SQL Server**, **Resharper, NUnit, Windsor** (IoC framework), **Git jQuery**, **Knockout, CSS**

**Other Responsibilities**

* Deputy manager of development pool (6 developers in total)
* Public-facing project lead for other projects, including new and existing systems
* Variously managed full development lifecycle, from capturing client requirements, development, management of additional programming & testing resources and managing the release processing. This work requires close coordination with the clients, business-development team and support team
* Used to manage IT strategy & hardware/software infrastructure, including networking, virtualisation, server/SAN specification. Now used on a consultative basis after working to train the support manager so that I can be freed to concentrate on my core role
* Supporting

Jun 2004-Sep 2005 – Developer, HM Revenue and Customs

* Worked in a team of three, creating a major upgrade to the UK’s VB6-based Duty-tracking system, working to strict deadlines, while handling conflicting client requirements and change requests
* Learned VB / ASP in time to become a productive team member within three days
* Primary focus was coding and debugging, based on a pre-defined specification
* Due to my web-based knowledge, I was put in charge of updating the ASP web interface, as well as training another developer with the skills to take over
* Other work included writing SQL for submission to DB administrator, liaising with the testing department and creating change documentation
* Also designed and implemented a secure web-based document archive system in ASP / VB to replace .document sharing via email in my spare time.

# Hobbies & self-learning

* I own a private pilot’s license
* Currently creating a web & mobile application with a friend to record flights, and create a pilot community around them.
  + Based on **ASP.NET MVC 4**, **RavenDB** (a document database) & Twitters’ **Blueprint** framework
  + Based on a self-developed native **Windows Phone 7** application
  + In the process of creating an **Android** client
  + In the process of creating a **jQuery Mobile** client
* Currently enrolled on a **MongoDB** correspondence course, offered by 10gen, taught using **Python**

# Education

Sep 2004-Sep 2005 – MSc in Advanced Computing Science, University of East Anglia, Norwich (distinction)