Jonathan Bates

41 Ground Lane, Hatfield, Herts, AL10 0HQ 07912384630 jonmbates@gmail.com

# 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.

December 2003 – Dold Industries UK Ltd

* Responsible for creating the Dold Industries UK corporate website ([www.dold.co.uk](http://www.dold.co.uk))
* Actively worked with company’s Managing Director and top-level sales staff to gather company’s requirements
* Worked efficiently to fully complete the site within a stringent schedule
* Created Java-based tools to aid catalogue creation
* Provided HTML and CSS training to another employee for future maintenance

# 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**
* Have been using Linux on-and-off since 2001, and comfortable with general usage (use Ubuntu at home)

# Education

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

* Over 70% average
* Dissertation project based on Context-aware mobile information-service infrastructure; a generic, self-configuring information-broker for mobile devices, which combined simplicity of use with an extensible array of intelligent information-services e.g. weather, stock quotes and proximity alerts. (77%)
* Other units included Speech & Natural Language Processing, Information Retrieval, Systems Engineering and Analysis & Design.

Sep 2001-Jun 2004 – BSc in Computer Science, University of East Anglia, Norwich (2:1)

* Major interests gravitated toward web & database-centric units
* Other units included Data Structures and Algorithms, Networking, Discreet Mathematics
* Final project consisted of a J2EE/web based scheduling system, with working with a real-world garage chain to capture the business requirements.

Other Education

* 4 A-levels, B-D
* 10 GCSEs – A\*-C
* 3-day NHibernate course at Skills Matter, given by Ayende Rahien – one of its core developers
* 3-day NServiceBus / CQRS course at Skills Matter, given by Udi Dahan, founder and CEO of NServicebus Ltd