

Andrew C. Stuart

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Syndicated Puzzles Inc
(Reg. No 80276 9059 RT0001)
www.syndicatedpuzzles.com

Contracting company:
Scanraid Ltd
(Reg. No **3130470**)
www.sudokuwiki.org

Personal Information

Nationality: British
Status: Married, 1 Child
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Experienced Database and Internet Applications Developer

Key Skills

Skill	Experience	Level (5=top)
C	25 years	5
Access - Database Design	25 years	5
SQL / Database Design	20 years	5
VBA & Microsoft Access	20 years	5
VBScript / ASP	18 years	5
HTML / DHTML / Web / CSS / XML	18 years	5
Exchange / IIS / DNS	17 years	3
Visual Basic	20 years	4
ActiveX / COM / DCOM	13 years	3
Javascript / DHTML	20 years	5
C++	15 years	2
Javascript / JSon / Ajax	5 years	4
Microsoft Windows OS	25 years	4
PHP	3 years	3
iPhone/iPad/Android App dev	3 years	2
Unix/Linux	3 years	1
User Interface Design	22 years	5
Modelling (numerical, simulation)	15 years	4
Business/Team Management	20 years	4

Business and Technical Skills

- Experience of team lead roles: both heading the technical development, developing products myself, consultancy and training as well as client account management.
- Experience of writing both business and technical proposals
- Experience of software consultancy, systems analysis, system design and the business process. Listening to the customer.
- Experience with networking, DNS and TCP/IP; Domain Name lore and Internet connectivity. I run several permanent web servers and can offer hosting for projects in development.
- Experience with hardware and server design.
- Full experience with cross browser issues, browser compatibility and w3.org standards
- Experience with various platforms and systems: Microsoft Exchange, IIS, Outlook, Access, Windows 95/98/NT4/XP/2000/2003/2005/2008/2010, Unix (but don't quiz me), Aptana, Office 95 to 2010, Visual Studio (6.0)/2008, Visual InterDev, Visual SourceSafe and numerous productivity tools.
- Spanish: Basic

Recent years (2008 onwards)

Syndicated Puzzles, Inc – Director, Puzzle Designer www.syndicatedpuzzles.com

Co-founder of Syndicated Puzzles with Jeff Widderich, we are developing unique puzzles for print and new media, including Str8ts (www.str8ts.com) and Letterlicious (www.letterlicious.com). This follows on from my puzzle creation and Sudoku activities started in 2005. I have created puzzle generators and grading programs for Sudoku, Killer, Kakuro, Masyu, Hitori and Nurikabi puzzles which were sold to the Daily Telegraph, the Los Angeles Times and syndicated around the world. My book "Logic of Sudoku" was published in the 2007. Our full portfolio is available here http://www.syndicatedpuzzles.com/SP_PORTFOLIO_2014.pdf

Labhoo Ltd – Technical Director

Labhoo is a biotechnology hub and life science directory and search engine. The main site is <http://www.labhoo.com>

We are now branching out into event management with our web based administration system called EventFlo. <http://www.myeventflo.com>

Nov 2009 – Mar 2012 – MS Office and Database Developer

Contract work: **SGS UK Ltd / Centrica plc**

Employed to develop a risk management database and reporting system for an offshore wind farm project. Extensive use of MS Access, add-ons and other MS Office products.

Nov 2008 – Sept 2009 – User Interface Developer

Contract work: **Telensa Ltd** - www.telensa.com

On the development team implementing a user interface for a centrally controlled street lighting system. Javascript/AJAX front end using EXT JS library and JSon/PHP back end. Very large and complex system using interesting technology.

Feb 2008 to Nov 2008

Functionality development work on various web sites and databases including www.cabincrew.com and www.rgnjobsite.com.

Jan 2003 – Dec 2003

www.sleepwalk.com – Lead Developer

One of my most visible and consumer orientated projects undertaken as Scanraid has been the development of this portal for the UK Asian community. This is a very complex and constantly updated web portal with a large, entirely web based administration area. I have integrated SQL server and IIS with interesting third party components such as SMS and photo messaging and my own COM NT services (written in C/C++) for maintaining Chat and Private messages.

Jul 2001– Dec 2002

Mott Macdonald – Intranet Consultant/Developer

I was contracted to deliver two large intranet applications for Marketing and QA. They were implemented in ASP and Access with calls to Oracle and SQL Server. These apps are not visible from the web. In late 2002 I was the main developer for a Water Resources and Water Balance Hydrology Model for Abu Dhabi and visited the emirate three times. This was written in Access and Arc GIS. I also became familiar with ASPMap, a web based GIS component.

Oct 1999 – May 2001

CAST Systems Ltd – Senior Team Leader / Internet Consultant

I joined at the beginning of this Cambridge start-up, founded to specialise in the insurance and financial sector. My group produced and delivered the following solutions:

- A **Property Estate Agent** platform for **Connells Estate Agents** (www.connells.co.uk) Based on ASP script, SQL 7.0 and COM.
- A web-based and web-administered **Mailing List** system for the **Skipton Building Society** (www.skiptonselect.co.uk).
- **Amber Credit** (www.ambercredit.co.uk), a credit scoring and premium finance system for insurance brokers. This replaced their poor Oracle/Win 3.11/DOS system. I also wrote a COM interface to the **Equifax** Credit Scoring system in C/C++.

1995 -1999 **Metaweb Ltd** – Managing Director

My first start-up, based in Cambridge and founded with one other entrepreneur. Metaweb grew to twelve people and three offices, one each in Cambridge, Paris and Breda in the Netherlands.

Our most prominent customers were [Edgar Hamilton Group](#), a leading insurance underwriter based in the Docklands, and [Pauls Malt](#), a malting company in Suffolk. We offered a range of Internet services from hosting and web site design to full systems for hundreds of people. At Edgar Hamilton we were the sole supplier of IT knowledge, software and strategy, with over 25 separate projects completed in three years.

1993 - 1995 **[Cambridge Stratagems Ltd](#) – Senior Developer**

Created **Mediastrat** product to model the weighting factors that affect advertising in the real world. It calculated the best combination of ads for a budget as defined by a selected target audience. Written in C.

1991 - 1993 **[Bestech Systems Ltd](#) – Developer**

1989 – 1991 **[Mott-MacDonald Ltd](#) – Developer**

Two years developing hydrology and traffic modelling in Fortran and C.

Education

March 2000 Passed the Microsoft Certified Professional 70-100 exam.

1985 - 1988 **[Oxford-Brookes University](#)**

BSc (2.1) Hons in Computing Science and Cartography

1981 - 1985 **[Brentwood School](#)**

Four A-levels: Medieval History (A), Art (A), Geography (C), History of Art (C).
10 O' Levels (6 B's, 4 C's)

Interests and Leisure Activities

- I am the web master for several hobby web sites. I developed one of the Internet's best and most popular Sudoku web site – www.sudokuwiki.org/sudoku.htm. The main attractions are five step-by-step solvers which contain nearly sixty different logical strategies. It can also grade puzzles and check the number of solutions. A paper on creating and grading sudoku puzzles is here http://www.sudokuwiki.org/Sudoku_Creation_and_Grading.pdf
- I am a qualified pilot (Microlight Rating).
- I write modelling programs to test out geometrical, mathematical and computing ideas. These include artificial life, AI and genetic algorithms, optimising problems, language and puzzles.
- Active UKIP member managing several branch websites

References

Simon Michie, Centric Networks, smichie@centricnetworks.net

Jale Camberly, ABS Consulting, JCairney@absconsulting.com

Richard Summers, Mott MacDonald Ltd, Richard.summers@mottmac.com