

## Greg Shailes

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### Profile

Experienced Windows programmer with eight years experience of developing and maintaining high-volume database systems. Skilled in database programming, user interface design, web design & programming, and digital imaging.

### Computing Skills

#### Software Development

Experienced in VB.NET (Visual Studio 2003 and 2005), Visual Foxpro, Visual Basic, SQL Server, VBA, Foxpro for Windows, OLEDB/ODBC, Access databases.

#### Web Development

ASP.NET, Classic ASP, HTML/XHTML & CSS coding, Javascript, Macromedia Flash (design & ActionScript programming), Dreamweaver.

#### Other Skills

Image manipulation with Adobe Photoshop, Paint Shop Pro, Macromedia Fireworks.

Expert in Microsoft Office suite (Word, Excel, Publisher) including VBA and Office automation.

### Employment History

**Date:** 25 June 2007 – Present Day  
**Employer:** Dataflow Communications Ltd  
**Role:** Web Developer

Dataflow provides billing services to telecommunications service providers. The company's main product, Cascade Web, has a number of facets including:

- A web site that provides our clients with the means to manage their clients, and the multitude of rates and tariffs used to cost their calls;
- A web site that allows our clients' customers to view and manage their telephone bills;
- An internal intranet site that the company's production staff use to generate each clients' invoices each month;
- The production system that processes the millions of call data records received each month to generate either paper or web-based invoices for our clients' customers.

I work in a team of five developers, responsible for the maintenance and ongoing development of Cascade Web, as well as the maintenance of a number of legacy systems.

The majority of my time is spent coding in ASP.NET, VB.NET and T-SQL. I also spend some time looking after the company's older VB6 systems, including a web site written using Classic ASP and a VB6 Web Class on the server.

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Projects successfully concluded include:

- Implementing SQL Server replication across the internet (via a VPN) to synchronize our local processing databases with the database behind our client-facing web site;
- Implementing SQL Server replication across the internet to synchronize our local processing databases with the database behind our client-facing web site;
- Writing a Customer Relationship Management module for Cascade Web. This module allows our clients to manage tasks related to their business – sales calls, managing their customers' queries and fault reports, etc.
- Adding a facility to Cascade Web's Tariff screens to allow our clients to create Virtual Private Networks – this allows them to provide calls between certain numbers as a reduced rate. This is useful when our clients are providing telephony services to large organisations, which may want to negotiate cheaper calls between different sites, and suchlike.

**Date:** May 2006 – June 2007  
**Employer:** Self-employed  
**Role:** Website & Database Development

Projects undertaken during this time included:

- Creation of a SQL-Server based update process for Brita UK, to load data from new product registration cards into their customer services database;
- ASP and SQL Server coding for ecommerce websites under contract to Black Culm Ltd;
- Creation of [www.fromehockey.com](http://www.fromehockey.com) – an interactive site for my wife's hockey club, designed and coded from scratch;
- Writing a VFP9 database application for managing martial arts schools;
- Developing a mail order stock control system (SQL Server back-end with VFP9 and ASP front-ends)
- Developing a database system for a UK billing company, including integration with the BACS Direct Debit payment system.
- Disassembling a large Excel/VBA based direct-marketing Campaign Management System and providing training to its users to allow them to update and modify the system.

### **1999 – May 2006: Occam DM Ltd: Software Developer**

I worked in a small team, mainly with Foxpro and SQL Server. I produced a variety of applications from high-volume marketing data processing tools to small stand-alone data entry applications.

- Ongoing development and maintenance of the company's Foxpro/SQL Server data processing systems to ensure they continued to meet the growing needs of the business
- Developed a flow-chart based graphical interface in VB.NET for Occam's internal data processing systems.

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- Designed, wrote and maintained a data conversion system to import and standardise large volumes of questionnaire data coming in to a data warehouse and to manage the outputs from this database.
- Created all company stationery as Word templates, which included VBA coding to interface with Occam's business information databases.
- Maintained the company's ASP-based intranet.
- Acted as support resource to production programmers offering one-to-one training and assistance with the more complex production jobs.

### 1998-1999

#### **Occam DM Ltd, Production Programmer**

Working in a team of around six programmers, mainly with Foxpro for Windows, processing high volumes of name and address data using Occam's in-house systems and bespoke programs. This processing included building and managing marketing databases, and preparing data for direct mailing.

### 1993 – 1998

#### **Tradespools Ltd, Frome: Programmer**

Programming for typesetting of scientific and mathematical journals, dictionaries, reference books and other technical publications. I used a specialised language called Infomix to convert text data from many sources into marked-up data for typesetting systems.

I was also involved in scanning and enhancing images for publication using Adobe Photoshop and Adobe Illustrator on an Apple Macintosh.

### Pre 1993

Before 1993 I had a number of jobs including a milk round, administrative work for the Inland Revenue, factory work and delivering office supplies.

### Education

3 A level passes (Graphical Communication – Grade B, Maths – grade E, Physics – grade D,) awarded summer 1991

8 GCSE passes (5 grade A including Maths and English Language, and 3 grade B) awarded summer 1989

### Outside Interests

Motorcycling & Motorcycle Maintenance  
Cycling – road riding and mountain biking  
Camping  
Playing rock & blues guitar

### References

References are available upon request.