

Dan Melliush – Curriculum Vitae

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Profile

I am a skilled web developer with a wide range of experience within the computing industry. I am able to work alone or as part of a larger team and I am able to use my own initiative to find solutions to problems. I have strong analytical and planning skills and I always aim towards customer and end-user satisfaction. As well as knowledge of development tools and methods, I also have a wealth of experience in dealing with hardware and software configuration and troubleshooting.

Skills summary

(All skills have been used in a production environment)

Development experience

- ASP.Net (VB.Net) – 3yrs
- ASP.Net (C#) – 4 months
- Coldfusion – 3yrs
- PHP – 4 yrs
- Javascript
- Ajax
- Extensive HTML & CSS experience
- WSH / VBScript

*Plus basic working knowledge of:
Java, C++, Perl*

Desktop applications experience

- Microsoft Office (extensive use includes VBA scripting)
- Microsoft Expression Web and Sharepoint Designer
- Macromedia / Adobe Suite (Dreamweaver 8, Fireworks CS3, Flash CS3)
- Adobe Photoshop CS2
- Visual Studio 6
- Visual Studio.Net (inc 2005)
- Acrobat

Database experience

- Sql Server 2000
- MySql
- Access

Operating Systems

- Windows - all versions (extensive experience of installation, use and troubleshooting)
- MacOS 7 – X (experience of installation, use and troubleshooting)

Employment History

Mar 2006 - Present **SWAP**
School of Social Sciences, University of Southampton

IS Development Officer

SWAP is the Higher Education Academy subject centre for Social Policy and Social Work. Based in the University of Southampton School of Social Sciences, SWAP is one of 24 discipline based centres which aim to enhance the student learning experience by promoting high quality learning, teaching and assessment.

Mar 2006 - Present

**SWAP
School of Social Sciences, University of Southampton**

Role

Primarily I am the centre web developer, designing and building web solutions and maintaining and improving the current systems. As part of my work for the ELTE project I used a variety of web 2.0 technologies, including blogs, wikis, Flickr and YouTube. I used the Flickr API in conjunction with C# to build an image gallery. I have also tested some Ajax based solutions to demo a concept of tagging documents and searching for them.

I built the JSWEC web site (www.jswec.co.uk) for our yearly residential conference. This site includes online abstract submission and approval and a booking system. The work on this site had to match up with deadlines set in the conference timeline (i.e. call for papers, abstract proofing, open and close of booking) and I have managed and prioritised my workload to meet these. As part of the work supporting this conference I also query the database to provide information for the rest of the team. Last year I created the artwork for flyers, the programme and also a PowerPoint presentation that ran in the auditorium as the delegates took their seats. I also provide technical support at the conference and ensure the smooth running of the abstract presentation sessions.

As part of the SWAP migration to a new CRM provided by the Higher Education Academy, I created an online system to allow our 2800 contacts to update the information we hold on them and also specify the various data protection permissions we require. Clearly a paper based system would have been extremely difficult to manage in this case and the online version performed very well. Approximately 500 contacts completed the form after I sent out the first bulk email. The system was built using Visual Studio 2005 and coded in ASP.Net using C# (this was a School requirement - I can also work in Visual Basic.Net).

Major Achievements

- Maintained and extended SWAP site using Classic ASP/ADO
- Created a CRM data update system using ASP.Net/C#/Access
- Built web site and web applications for yearly residential conference (JSWEC)
- Created artwork for centre and conference advertising
- Worked on migration to CMS based site using TeamSite
- Wrote the web style guide for the new CMS based site which helps the team produce accessible, well written content

Jun 2001 – March 2006

**Johnston Press / The News
Newmedia Department**

Web Developer

The News is the local daily newspaper for Portsmouth and surrounding areas. The parent company, Johnston Press, is the 4th largest publisher of local and regional newspapers in the UK.

Role

I was originally employed to design and build bespoke web sites for external customers (mostly local small businesses) as well as newspaper related feature web sites. This work was originally done using Coldfusion and then used ASP.Net in conjunction with SQL Server. Over the years my role expanded greatly and towards the end had a 'senior programmer' role within the team – as well as coding my own projects I also advised others on good techniques to use. I worked on bespoke software design for internal company use to solve technical problems.

Jun 2001 – March 2006 **Johnston Press / The News
Newmedia Department**

Major Achievements

- I wrote a custom PDF magazine page exporter – saved £15,000 (cost of equivalent software) and provided reusable information from a new property system.
- I increased quality of production code by writing a set of departmental coding guidelines.
- I designed and built a webcam site to cover the Trafalgar 200 and SeaBritain 2005 events in Portsmouth Harbour. On the day of the fleet review, the site handled 34700 page impressions.
- I planned the departmental transition between development platforms - from Coldfusion to ASP.Net (using VB.Net).
- I wrote a batch upload application to convert EPS job advertisements used in the paper to PDF. These are then automatically uploaded (via FTP) to appear on a centrally hosted jobs site. This project generated additional £200,000 revenue.
- I wrote an ASP.Net replacement for the Coldfusion 'Newspaper Sales' online store. This Worldpay integrated e-commerce site allows customers to order papers, special publications and subscriptions.
- Created an automated daily backup schedule after major server failure – previously backups were irregular and didn't contain some important information. Since I started the new backup system we have 2 weeks of full daily backups.
- I wrote middleware systems to link a new advertising booking system based in Portsmouth to existing web sites hosted in Peterborough. This system feeds car and job adverts and the revenue from these is worth approximately £30,000 per month.

Dec 2000–Jun 2001 **Portsmouth City Council
Housing Department, Phoenix Project Section**

Intranet Developer

PCC is the local authority for Portsmouth. The Housing Department deals with all aspects of housing and property within the city – from managing sheltered accommodation to providing housing benefits.

Role

It was my job to build a Housing departmental Intranet – to increase communications efficiency across the department (which was spread across the entire city). In addition, a larger redesign of the web services offered by the Council across the web was taking place, and the research, design and content of the Intranet would be useful. I also managed the Housing Service presence on the external internet site.

Major Achievements

- I identified key systems that could benefit from intranet integration.
- I wrote the database access code – using Classic ASP / ADO.
- I wrote a database driven DHTML menu system.
- I created initial layout designs and refined these based on feedback.

Jul 1999 – Dec 2000 **Portsmouth City Council
Engineering and Design Service, IT Section**

Jul 1999 – Dec 2000 **Portsmouth City Council**
Engineering and Design Service, IT Section

IT Engineer

The Engineering and Design Service deals with many different areas from highways building and maintenance to rubbish collection and recycling services. The IT section provides support to Engineering and Design service staff. This support ranges from PC installation and repairs to bespoke software construction.

Role

In this role, I was responsible for providing desktop hardware and software support and custom database solutions.

Major Achievements

- Designed and built first departmental intranet
- Converted ISO quality assurance library to PDF and added to intranet.
- Worked with outside supplier (Compex) to install and run a major system worth millions in revenue per year.

Education History

Jan 2008 MCTS (Microsoft Certified Technology Specialist) in Web Applications

I am currently studying for this qualification, which covers ASP.Net technologies.

May 2003 VBUG – Introduction to VB.NET

This was a 3 day course, bringing me up to speed with the .NET framework.

May 2003 VBUG – Building web applications with ASP.NET

This course gave practical instruction on building web applications using the .NET framework.

October 2001 Macromedia FastTrack to Coldfusion

This was a 3 day course on Coldfusion hosted by Highlander based in Canary Wharf. The course was very useful in transferring my Classic ASP skills over to Coldfusion.

1998 – 1999 BSc Computing

Portsmouth University

Thanks to good results from my HND, I was offered a place on the 3rd year of the BSc Computing. I enjoyed many of the modules in this course – mainly database systems and distributed systems.

1996 - 1998 HND Computing / Software Engineering

Portsmouth University

I found this course very interesting, as it put great emphasis on practical work (backed up with a firm grounding in proven theory). I achieved a distinction in many of my subjects. My overall favourite module was Systems Analysis and Design.