

Jamie Shields

My CV

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Portfolio jamieshields.co.uk/portfolio



Work experience

August 2009-present **Web Developer @ Xsortal**

- Extensive use of [PHP 5+](#) and [MySQL 5+](#) to create complex database-driven web-based business tools.
- Extensive use of the [CodeIgniter MVC framework](#).
- Implemented and tested a secure [PayPal](#) payment gateway.
- Implemented a [RESTful API](#) to enable our partners to access our services.
- Implemented a globally deployed, multi-lingual website (tackling latency and character encoding issues).
- Worked in a team using [SVN](#) and the [Mantis bug tracker](#) to collaborate efficiently.
- Ensured user interfaces looked and functioned the same across all major web browsers.
- Use of HTML to PDF libraries such as [dompdf](#) to aid in producing printer-friendly/downloadable pages.
- Use of [Firebug](#) to debug and optimise web front-ends.
- Use of advanced testing tools such as [Tamper Data](#) and [HTTP Resource Test](#) to ensure web front-ends are secure.
- Use of various attack methods to penetration test web front-ends; these include [XSS](#) and [SQL injection](#) attacks.

2004-present **Freelance Web Developer**

- Managed and completed entire projects myself.
- Arranged and attended numerous meetings with clients to conduct requirements elicitation.
- Wrote rich web applications from scratch using a variety of languages/technologies such as:
 - [PHP](#) (inc. v5+)
 - [MySQL](#) (inc. v5+)
 - [\(X\)HTML](#)
 - [CSS](#) (inc. v3)
 - [JavaScript](#) (inc. [AJAX](#))
 - [XML](#)
- Used [phpMyAdmin](#) extensively to manage and maintain [MySQL](#) databases.
- Created and used my own [MVC](#) framework.
- Used JavaScript libraries such as [jQuery](#) for [AJAX](#) development and improved interface interaction.
- Created valid [\(X\)HTML](#) and [CSS](#), and also adhered to the [W3C accessibility guidelines](#).
- Worked with various [IDEs](#); including [NetBeans](#) and [Eclipse](#).
- Created various graphics including website designs, logos and business cards using Adobe Photoshop.
- Used Linux environments for programming and web servers using the LAMP stack (Linux, [Apache](#), [MySQL](#), [PHP](#)).

Education

2006-2009 **University of Manchester**

BSc (Hons) Internet Computing

Result attained: 2:1

Course modules spanned a wide range of subject areas including advanced object oriented (Java) programming, advanced databases, human-computer interaction (HCI) and software engineering. I regularly undertook practical work individually and in teams, for which I had to meet strict deadlines.

Also covered in the course were career management skills, including delivering presentations, team working, project planning and negotiation.

2004-2006

Park Lane College, Leeds

BTEC National Diploma in Software Engineering

Grade: DDM (equivalent of 3 A-levels at AAB).

Course modules included Visual Basic programming, software development methodologies and relational database management systems.

1997-2004

Priesthorpe High School, Leeds

GCSEs: 11 A-C; including a double A in ICT, a double B in English and a C in Maths.

Awards

Myself and a partner won first place and a £150 cash prize for giving the best e-business pitch at a presentation sponsored by [Accenture](#) in the first year of my degree.

Other skills

- Proficient in the use of a whole range of computer programs, aside from those mentioned previously, I am more than capable of undertaking advanced tasks in Microsoft Office 97-2007, [OpenOffice/LibreOffice](#), DreamWeaver, JBuilder, BlueJ and [LaTeX](#).
 - Advanced understanding of various computer operating systems, including Microsoft Windows 95-7, [Ubuntu](#) and [Solaris](#).
 - Basic knowledge of various other computer languages/technologies, including Lisp, *nix command line, [XSLT](#), [OWL](#), [RDF/RDFS](#), [GWT](#), Java Servlets, [JSP](#) and [Ruby \(on Rails\)](#).
 - Good knowledge of computer hardware and diagnostics.
 - Good knowledge of the [Android OS](#) and related devices. I regularly install and debug custom software on my own Android phone.
 - Full UK driving licence.
 - Excellent written and verbal communication skills.
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Interests

- Running: I participate in running races, ranging from 5k's to half marathons.
 - Football: I play in an 11-a-side league and also in a 6-a-side league.
 - Rock Climbing: I am a member of a few indoor climbing walls.
 - Tenpin Bowling: I represented my university in the national finals in my first year, where we finished 2nd overall.
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References

- Xsortal: On request
- University project supervisor: Richard Neville ([email](#))
- University tutor: John Latham ([email](#))

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