John McKerrell

Personal details removed, residing in Liverpool, GB

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PROFILE

With over seven years of commercial experience writing and maintaining leading edge web applications I have developed my skills to enable me to provide a complete technical package. From the installation and maintenance of servers that deliver high traffic websites through building and supporting highly efficient software to the layout and styling of modern appealing web sites.

EXPERIENCE

Senior Software Engineer, Multimap, London   **2005-Present**

Over three years I have developed the Multimap JavaScript API from a simple draggable maps implementation for personal use to the commercially successful feature-rich product that it has become today. Working with a product management team I have ensured that interfaces remain consistent while increasing the feature-set of the API. I have also worked closely with back-end developers to give seamless interaction between web service APIs and their provision in the JavaScript API.

Over the past eight months I have further extended the Multimap API by integrating the Microsoft Virtual Earth API to provide increased functionality with Bird's eye maps, and alternative coverage of map and aerial imagery. This was a very interesting project to work on as attempting to encapsulate an existing and complex API within another, both working in similar but slightly different ways, provided a unique challenge.

During my time at Multimap I have also been involved with a number of other large projects including three permutations of the Yell.com website - which regularly pushes the limits of the technology provided by the Multimap API - and the redesign of the Multimap.com public site itself which involved integrating the Multimap API in new and interesting ways. Working on these projects has also furthered my experience of communicating with clients and outside agencies.

While working for Multimap I have also found myself investigating and advocating the use of outside technologies to improve the service and applications that we can provide, whilst also advocating our own technologies to the community. This has included speaking at local technology events and even presenting alongside Sean Phelan, the founder of Multimap. Multimap has also given me the opportunity to attend a number of conferences that have provided a great way to explore the wider-world of web application development and to come into contact with interesting people working in my own, and other related, fields.

Technical Manager, Fast Web Media, Manchester   **2000-2005**

I began my time at Fast Web Media by taking on the role of engineer. Initially this role involved maintaining and extending a basic news spider written in Perl. As my role developed I began to have a bigger involvement in the running of their flagship website - the official site of the premiership football league. After 6 months I was assigned the task of architecting a complete redesign of the back-end systems involved in the site and integrating a complete redesign of the user interface. The new system made extensive use of open source technologies including a LAMP stack (Linux, Apache, MySQL and PHP) and a caching system involving XML content generation reformatted for use on the site using XSLT.

Later, as a Senior Engineer I was involved in the complete redesign of the portal website MegaSoccer. This was a tailored search engine which involved integrating technology from Fast Search and Transfer with our own platform to deliver soccer related news and external links. This project was again built on Linux, Apache and PHP but made use of the more advanced full text indexing capabilities of the Oracle database.

Following a promotion to Technical Manager, I led the technical team as the company's focus changed from developing its own sites to acting as an agency and taking on more external work. My new role gave me important experience not only of leadership but also of a more client-facing role. During this time I also mentored and trained University students during sandwich placements, an incredibly fulfilling role that I enjoyed a lot.

EDUCATION
University of Leeds   **1997-2000**
BSc Honours degree in Computer Science – Grade 2.1

The Blue Coat School, Liverpool   **1990-1997**
A-levels in Mathematics (A), Physics (C), Biology (C) and General Studies (C)
GCSEs with 3 A-Grades (including Mathematics) and 6 B-Grades

INTERESTS
Since October 2006 I have held a keen interest in the Open Street Map (OSM) project. I have invested large quantities of my time in furthering the coverage of Liverpool taking it from almost zero to a stage where we are nearing 50% coverage. I have also been involved in organising mapping parties in London and Liverpool to introduce new people to the project and have helped with the development of the software used to serve the project's API and website. I have also spoken about OSM at local technology events and jointly presented at the inaugural OSM "State of the Map" conference alongside Sean Phelan.

From 1995 until 2000 I maintained a "Music Charts" website which offered information, games and a forum to ask music-related questions. This gave me experience of managing a long-term project including promoting the site and developing new functionality to increase its popularity. The use of a number of skills was involved including designing a query tool for music samples written in Visual Basic 5. I have also played music, gaining Grade 5 Trombone and playing in the Blue Coat School brass band for five years during which we won various regional contests.

I enjoy various sporting pursuits, including cycling and hiking. I have completed a number of challenges including a 70 mile cross-country hike across the Lake District - the "Cumbrian Way" - and the Four Peaks Challenge (the Highest Peak in each country of the UK). Most recently I completed the Trans Pennine Trail on bicycle, travelling more than 215 miles over 4 days from Hornsea on the East coast of England to Southport on the West coast.

SKILLS MATRIX
The skills matrix indicates my level of proficiency in a particular area. I based these ratings on my personal opinion, feedback from co-workers and input from industry professionals (ratings from 1-4 stars).

Technology	Experience	Technology	Experience
JavaScript	★★★★	Rails	★★★
PHP	★★★★	GTK	★
Ruby	★★★	Zope	★
Perl	★★★	ASP	★★
C++	★★	Apache 1.3	★★★
VB Script	★★	MySQL	★★★
C	★★	Oracle	★★
Python	★★	SQL Server	★
Java	★★	MS Access	★
XSLT	★★★	Linux	★★★
Bash	★★★	Windows XP	★★
CSS	★★★	Mac OS X	★★★
HTML	★★★★	Free BSD	★★

REFERENCES
Available on request.