

CV: Mick Sear

Developer (MySQL, PHP 4/5, Zend Framework, Symfony, Java)

Location: Hemel Hempstead
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AVAILABILITY

I recently completed a PHP contract at T-Mobile and am immediately available. I'm located in Hemel Hempstead on the main line into Euston, and can reach home counties, central London and Heathrow / Slough area without a problem.

RECENT CAREER SYNOPSIS

I've recently delivered a mix of PHP and Java projects, including an API for an online gaming company using advanced Hibernate, XMLRPC and REST, and a PHP/Creole DAO layer for a web analytics company. I've designed and written many web and WAP applications with PHP5 object oriented techniques, and delivered several Java web applications using Spring and Hibernate with Oracle, SOAP and XMLRPC, as well as XSLT for the presentation layer. Until recently, I've also had a number of successful projects complete for private clients, and I am familiar with the complete lifecycle of development from requirements gathering through documentation, development, testing and deployment. I gained my Sun Java Certified Programmer (SCJP) certification in December 2006.

PERSONAL PROFILE

Originally a history graduate from UKC, I've been involved in IT since graduating. I have a logical and long-sighted approach to programming and always expand my portfolio of technical skills in my spare time with experimentation and reading.

I typically own projects from conception to delivery, and deal regularly with a variety of internal and external clients, interpreting and clarifying requirements, prototyping proof of concept applications, and delivering on agreed timescales.

TECHNICAL SKILLS

- ❖ **PHP (8 years):** Working with advanced OOP (interfaces, exceptions, MVC, etc.), Zend framework 1.5, Symfony (Creole, Propel), CodeIgnitor, cURL, WYSIWYG interfaces & content management (inc Joomla as well as custom-built CMS called WebCanvas), email, graphics, regular expressions, various Pear classes, templating systems, XMLRPC, SOAP, socket programming, DOM XML / SimpleXML, eCommerce, RSS, etc. PHPClasses.org Innovation Award winner. PHP5 data entity modelling with database or XML persistence, interfaces, magic methods.
- ❖ **Java (3-4 yrs): SCJP for Java 5**, Servlets, JSPs, Spring MVC and IOC, Hibernate 3 and EJB3 JPA, Struts 2, Ant, Tomcat, Weblogic 8.1 & 9.2, design patterns, some Maven exposure, JMeter, Apache Commons, Quartz scheduling, XML manipulation, JAX-WS, Axis etc.
- ❖ **Databases:** MySQL and PostgreSQL: Setup, database planning, permissions, replication, command line access, stored procedures, views. Some Oracle and SQL Server, mostly from a coding perspective.
- ❖ **Linux:** Installation, server configuration, security, CVS/SVN, DNS, SSH configuration, WebDAV, Apache, Postfix, some bash shell scripting.
- ❖ **Graphics and print:** Photoshop, Dreamweaver, InDesign, Acrobat and other design experience. Understanding of image manipulation techniques, raster and vector formats, printing technologies.
- ❖ **Perl:** mostly straightforward CGI

- ❖ **XHTML** and **CSS** to a high standard, **XSL**, WML, XHTMLMP, XML, **Ajax**, Javascript.
- ❖ Experience with **DDA compliance** and WCAG guidelines through semantic markup and CSS
- ❖ **Source Control**: Subversion, Trac, CVS, some VSS
- ❖ **IDE / editors**: Eclipse, Textpad, JEdit, Zend Studio, vi

EMPLOYMENT HISTORY

September 2008 - present	<p>Freelance work Ongoing work includes a DAO layer for a web analytics company, SEO work for a local agency, and introductory PHP training at Elstree studios.</p>
May 2008 – August 2008	<p>Developer at T-Mobile Developed web front end to Covigo messaging platform for configuration of inbound SMS, MMS, Email, and bulk outbound WAP Push, SMS, MMS, Email. Considerable use of AJAX. Integration with Joomla CMS</p>
December 2007 – May 2008	<p>Developer at doof.com Doof.com online gaming site writing a Java API for a Flash/Flex front-end, and a simple PHP admin client to administer the API. The API consisted of customised Apache XMLRPC, servlets, and a high performance Hibernate 3 / MySQL data layer, installed on multiple Tomcat servers.</p>
September 2007-December 2007	<p>Java and PHP contracting, working at the Open University on Moodle (PHP based e-learning) and Axis / jUDDI / ActiveBPEL Java code. Involved writing a Java filter to read PHP serialised session data, among other things.</p>
October 2004 – September 2007 PHP & Java developer at O2	<p>Rapid application development for rush campaigns, development of larger systems in Java and PHP for SMS / MMS / telephony-related projects. Responsible for the administration of replicated MySQL servers and six web servers. Responsible for developing general framework and porting individual applications to Java, as well as various other Java projects. Interaction with O2 APIs and systems through PHP via SSH, FTP, HTTP, XMLRPC, SOAP, REST etc.</p>
Internet Developer, EPSON UK Ltd. Nov 2000 – October 2004.	<p>Managed transition to Documentum WCMS and implemented content management for a variety of other projects for EPSON.</p>
1994 – Nov 2000	<p>Technical specialist and technology evangelist at EPSON, presenting to Royal Photographic Society on topics like colour management, print optimisation and image manipulation techniques.</p>

Additionally, up to early 2008, I was developing and selling my own content management framework, WebCanvas, as a freelancer. I have a number of clients using this product successfully. WebCanvas went through about 4 major revisions and is now fully object oriented PHP5 code. It offers similar functionality to Zend Framework and Symfony, but with built-in content management features and database access that is closer to Java entity beans than the relatively basic database support in Zend Framework.

EDUCATION

December 2006	Sun Certified Java Programmer
August 2006	QA Object Oriented Design for Java
May 2006	QA Java Web Development course
December 2004	Learning Tree Java introduction course
1999 - Rair Tech	Microsoft MCP
1991-1994: University of Kent at Canterbury	Degree: B.A. Honours in History: Grade 2-1
1989-1991: Henry St High School, Ontario, Canada	11 OAC's (Ontario Academic Credits), which are approximately equivalent to A-level grades A, B, C.

ONLINE PORTFOLIO

Client / Employer	Site	Comments
Doof.com	http://www.doof.com	Developed online API in Hibernate with XMLRPC. Also developed an XMLRPC admin client with an OO-based PHP5 MVC framework.
MotherFigure	http://www.motherfigure.com	A bespoke site utilising a large number of design templates, and lots of logic around the display of content to minimise the configuration required from the client.
Rarefilms Ltd	http://www.theproductionvillage.com	Lots of data capture and display, with Ajax, postcode distance calculation in SQL, Forums, Image uploading and manipulation. Replicated Database and web data across 2 servers.
O2	http://travelabroad.o2-uktech.com/coverage.php	PHP site with caching, templating, OO techniques, MySQL DB.
O2	https://www.o2.co.uk/apps/help/help	Java site using servlets, JSPs, extensive XSLT, SOAP and various Apache Commons libraries.
O2	wapquiz.o2.co.uk	CMS-managed WAP site for competitions.
O2	Wapgen.o2-uktech.com/tv	WAP TV listings, extracted from an XML feed on a daily basis
Jack Brand	http://www.ilovevideo.co.uk	PHP site with strict MVC model, using custom sessions, various web services, eCommerce (Paypal and a PDQ service). This was a large project, adding to and updating legacy code, and creating new sites to use a common code base. Also involved some Perl and quite a lot of scripting to convert video to FLV (Flash) format using mencoder and ffmpeg
IT Reviews	http://www.itreviews.co.uk	XHTML & CSS code, reworking an existing design
Horwood Landscapes	http://www.horwoodlandscapes.co.uk	HTML, CSS and PHP work. Site is completely content managed
Online AV	http://www.onlineav.net/	Small CMS to maintain news and product information.
Sili.com	http://www.sili.com	Note – I didn't do the HTML site ☺ Work involved XHTML-MP site for mobile devices, creating a quiz application with eCommerce functionality, SMS, WAP Push, with device detection.
Brighton Gig Scene	http://brightongigscene.co.uk/	Events site for Brighton, making lots of use of RSS. Work included both XHTML, CSS and PHP development. Site is completely content-managed.
383 Project	http://www.smart-futures.com/	PHP / MySQL work including RSS, Podcasting
Diva Vocals	http://www.divavocals.co.uk	Design, HTML, CSS work.
F1 Portal	http://f1.ecreate.co.uk	Feed aggregator proof of concept written in PHP
EPSON	http://www.epson.co.uk	HTML / CSS, Perl for most areas of the Epson.co.uk website.

Note: This is not a complete portfolio of my work, but represents a broad cross-section. In addition to the work you can see online, I've done a lot of back-end work using OS-level scripting, Linux sysadmin work, Intranet work, and SMS applications.