

Curriculum Vitae – David King

Personal Information

Name	David King	Current Location	Newcastle
Date Of Birth	14 th May '84	Preferred Location	Anywhere (UK)
Email	david@oopstudios.com	Availability	April 09 onwards
Mobile	+44(0)7939273963	Work Sought	Contract

Education & Qualifications

Certification	<i>I am planning on sitting both my Zend (PHP 5) certification exam, and my MySQL (v6) exam in 2009</i>
Degree	<i>After studying Architecture at Newcastle for one year in 2003, I realised my true vocation was in programming and was fortunate to be offered several opportunities to help me achieve this. I have been asked to apply to study an MRes in Digital Media at Newcastle which I hope to do in 2009</i>
A-Levels	AAB – Maths, Further Maths and Physics
GCSEs	11 GCSEs from A* to C

Employment History

2009	Director – 1DayLater, Time, expense & business mile tracking <i>We have received help from Sunderland Software City, Teeside IDI, Business Link, Codeworks, OneNorthEast & Finance Tree. Have already secured Codeworks as our first customer for our August launch and are in tenure with OneNorthEast</i>
2008	Senior Partner – COG e-Commerce <i>COG is online E-Commerce software designed to give web-designers total freedom and control, while also giving shop owners an easy to use and intuitive shop to run. I have also released many tools to the Open-Source community as a result of COG development.</i>
2006-2009	Freelance – Web-Developer. <i>Various projects including: the NHS, Fabriam, Pyeroy and ICATS (industrial regulation body) – I developed interactive websites and continued to work on offline Flash based multimedia training programs.</i>
2006	The Pyeroy Group – Lead Web Developer. <i>Employed to create their internal training website, which expanded to become the standard platform for many large oil companies globally.</i>
2003-2006	Digitalized – Lead Web Developer. <i>Bespoke CMS & CRM systems and interactive multimedia programs using Flash, PHP and MySQL. Clients included: NHS, Arup, Newcastle University, Winchester Cathedral and ICATS</i>
2001-2003	TdG Interactive (part time) - Flash / HTML developer <i>Vector design & animation as part of a small team, with my role increasing into AS development and web development.</i>

Technical Overview

I am actually a 2nd generation programmer and have been coding for over 10 years (8 of which professionally) in the field of Web-Development and Multimedia. I have excellent skills and experience in all areas of the LAMP framework, as well as front-end technologies and Flash integration.

Back-end development

I have a lot of experience in planning and developing projects from concept and am comfortable tackling complex ideas and whittling them down to manageable, simple solutions.

To date I have only worked with small programming teams, but will be comfortable working with larger groups as long as the workload is well organised and managed.

- LAMP
 - PHP 3 Upward (**very strong**)
 - MySQL 3 upward (**very strong**)
 - Apache – htaccess and conf (**very strong**)
 - Linux – Bash (**strong**)
- Other notable areas
 - PHP Templating – written my own engine
 - Intuitive interface design
 - Image manipulation scripts
 - Statistics collection

Front-end development

I am as strong on front-end as I am with back-end, once you get into good coding practices, things like semantic design, SEO and Accessibility become second nature. Also, I am always willing to put in the extra creative work that is often required with Javascript and CSS to get the work done correctly.

- (X)HTML (**very strong** - table-less, *accessible, semantic etc.*)
- CSS (**very strong** – *to back up the above*)
- Javascript - many frameworks, AJAX, JSON, DOM etc. (**very strong**)
- I test all of my front-ends on many OS/Browser combinations using “browsershots”

Flash

I have worked with flash for many years for vector illustrations, animations, games, tutorials and also small applications linked to MySQL databases.

I am well versed in all areas of ActionScript programming: as1, as2, OOP, integration (using JavaScript or sockets), XML techniques etc. I have not yet used as3.

I can supply examples upon request.

Example websites

The following websites have all been hand-coded by me, and comply to a very strict set of rules to satisfy SEO, Accessibility, Usability and all feature an intuitive administration suite, either bespoke or using one of my pre-designed suites for the simpler informational sites.

- 1daylater.com
currently in prototype stage, this site is the front-end to the new time, expense and business mile tracking service. The official launch should be around the end of August 2009
- cogshop.co.uk
my e-commerce company, COG
try demo.cogshop.co.uk for access to a demo site and admin
- corrodere.com
internationally recognised industrial training website
login using "demo" as user and password to have a peek inside
- closetohome.org.uk
information mini-site for NHS Cumbria
- oopstudios.com
see my programming with my open-source tool-kit – *I keep an up-to-date CV here too*
- isafox.com (now defunct)
an experimental side project looking into the nature of social networking

Teaching / Guidance

I have agreed to open at the very first Durham Entrepreneurs Society event to help attract members to the society and highlight the importance of good business in the North-East

I have lectured as a technical speaker at Newcastle University introducing Flash to new programmers. I hope to do more sessions on the topics of LAMP, JaCH and good practices.

As well as writing good code, I'm equally at home teaching good code. I offer my expertise to most that ask of it – either directly via email, or indirectly via many forums or mailing lists

Key Projects

TrenItalia

Internationally renowned consulting engineers ARUP specifically requested my help to design and program several "Tube" style interactive maps for the Italian Eurostar network run by TrenItalia. The maps are suitable for print use as well as interactive route-planning. I used Flash to develop the Maps using custom route-planning algorithms that can be updated remotely. They currently run on Linux kiosks in Rome, Milan, Naples, Turin and Florence.

Corrodere

I was the lead programmer and project manager for corrodere.com. This is a LAMP website that features Flash animations, voice-over, video, examinations and user tracking. The training course is backed by the Institute of Corrosion and is used exclusively by BP to train their operatives. The site was designed to also run on a LAMP-driven USB-drive for the offshore training bodies without net access - while still maintaining full progress tracking.

COG e-commerce

For the past 16 months I have been the senior partner and lead developer of COG e-commerce. COG has been written from the ground up to provide a hosted e-commerce solution for small businesses and to allow designers to deliver fast and compliant websites for their customers.

Interests and Hobbies

Well, I don't really drink, take drugs, or watch television, and with all that free time I manage to do a lot of other things! Instead of the usual list of "hobbies", I'll tell you some of the things I've achieved in 2008* alone:

- Built an arcade cabinet
- Travelled around Australia / Tasmania for 3 months
- Went skydiving and loved it
- Went snowboarding (again) and finally did a backflip
- Attended 3 festivals and at least 40 gigs
- Listened to a *lot* of new albums
- Visited London for the first time!

When you consider that I also completely wrote **COG E-Commerce**, **oopstudios.com** and **isafox.com** in the past year (as well as earning a good living) you get a picture of just how productive I am!

I'm very polite, organised, open-minded and *extremely* well-motivated. If any friend were asked to describe me, I'm confident they'd say I'm "addicted to learning and teaching" as well as being kind and helpful to everyone I meet!

References

Prof. Atau Tanaka

Director of Culture Lab - Newcastle University

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Chris King

My Father, previous employer and now Partner in COG e-commerce

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Brendan Fitzsimons

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Ross Forbes

Director Of Corporate Affairs – Cumbria NHS

Trust Headquarters

Lonsdale Unit

Penrith Hospital

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* This CV was last updated on the 15th July 2009 – [email me](#) if you need something newer!