

Ian Hill, Web Developer – CV

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Profile

A web developer with 9 years of commercial experience and a history of delivering complex projects to tight deadlines. I specialise in rescuing failing projects, helped by my wide range of experience, strong analytical mind and methodical approach to troubleshooting and debugging.

Project management skills

- Experienced in the entire software lifecycle, from application design and new development, through maintenance to end-of-life migration onto other systems
- Version control (Git and SVN)
- Documentation and end-user training

Key Technical Skills

Back-end development.

- 9 years experience with PHP (versions 4 and 5) with a solid understanding of object-oriented programming and the MVC pattern.
- Unit and integration testing and test-driven development
- MySQL (versions 4 and 5)
- Job queue systems such as Resque (based on Redis)
- Ecommerce/payment gateway integrations with demonstrable experience of working with Stripe, PayPal (Standard and Pro), BarclayCard ePDQ, SagePay (form and server) and WorldPay
- API integration work with demonstrable experience of working with the APIs of Workbooks CRM, MailChimp, Campaign Monitor, Mandrill and YouTube.

Front-end development

- HTML5, CSS3, media queries, CSS frameworks with demonstrable experience with Bootstrap
- Javascript both with and without frameworks like jQuery and Zepto including jQuery plugin development and Ajax

Server administration

- 6 years experience provisioning and maintaining Linux servers (principally Debian and Centos) with solid command line knowledge and experience with Git, Cron, rsync and related utilities
- Ability to administer Apache, MySQL, Redis, PHP, OpenSSH and other services
- SSL certificate installation and management

Experience

2006 – present: Founder, Portland Data Ltd

I am responsible for developing and maintaining in-house projects and attracting and delivering contract projects to a range of agencies and companies. Major contract work delivered includes:

- BidMillerLite (hired by [Upshot](#)), an [award winning](#) auction-style sweepstakes website built for the 2009 Miller Lite and Dallas Cowboys sponsorship activation. Built with CakePHP and javascript.
- Corporate websites for [Raiffeisen Bank of Albania](#) and for its [Premium Services](#) division. Both websites are multilingual and mobile friendly. Built with ExpressionEngine (including development of a series of custom modules and extensions).
- Absolut Vodka KPI mobile application (hired by [Ipsos-MORI](#)). Uses data collected by Ipsos-MORI to allow brand executives to monitor performance of their brand versus competitor brands across multiple territories on their mobile devices. Built with javascript and CSS using data from an API.
- Google Brand Value of Search (hired by [Ipsos-MORI](#)). Created a duplicate of the standard Google search results (SERPS) page but with the ability for Google staff to edit the page contents to place adverts in various locations on the page. The duplicate SERPS page was then used with an Ipsos-MORI survey to investigate how ad positioning affected brand awareness.
- YouTube advert positioning survey tool (hired by [Ipsos-MORI](#)). Created a multi-lingual duplicate of the standard YouTube website but with the ability for YouTube staff to inject video adverts before or after video clips. The duplicate YouTube page was then used with an Ipsos-MORI survey to investigate how ad positioning affected brand awareness.

2001 – 2006: Senior Technology Transfer Manager, King's College London

Evaluating the commercial potential of new inventions from KCL academic and medical researchers, filing patent applications where appropriate, then either marketing and licensing inventions to industry; or where possible, attracting angel or venture capital investment to create spin-out companies. I had line-management responsibilities during the last 2 years of this role.

1998 – 2001: Postdoctoral researcher, University of Bristol

Researching non-viral means of introducing large pieces of DNA into neurons grown *in vitro* with a view to creating new tools to help in neuroendocrine research.

Education

1995 – 1998: PhD, School of Pharmacy and Pharmacology, University of Nottingham

1994 – 1995: MSc, Biochemical Pharmacology, University of Southampton

1990 – 1994: BSc (Hons), Applied Biology, University of Bath