

## Peter Heylin

Web: [www.itprofessional.ie](http://www.itprofessional.ie)

A full stack web developer with ten years industry experience working with technologies including HTML, CSS, Javascript, PHP, Python, and MySQL and extensive experience with the full Software Development Lifecycle.

### Employment:

Mar14- **Full Stack Developer**, Fujitsu (Ireland) Ltd., Dublin

- Manage 3-tier Fujitsu Cloud IaaS K5/AWS architecture involving application servers, MySQL databases, Redis database schema design, server backups, Apache, SSL and DNS configuration.
- Deployment and management of cloud based Ubuntu VMs.
- Wrote bash/shell scripts to automate daily data management and alert tasks.
- Developed and maintained in-house, continuous integration test automation framework to validate KIDUKU algorithms codebase.
- Testing and deployment of hardware sensor kits.
- Setup and control of technology during field study assessments.
- Development and maintenance of web 2.0 and mobile applications using PHP frameworks CakePHP and Codeigniter.
- Third party API integration using Flask web framework, NodeJS, and ExpressJS.
- Retrieval and parsing of data from API and transfer of structured data to dashboard.
- Development of Python function to record streamed data in MySQL database.
- Manage Git repositories and application deployment to test and production environments.
- Development of ERM/data disk replication tool using bash and Veritas.
- RFS portal replacement with K2 Five.

Nov13-Dec13 **Web Developer**, Xsellco Software Ltd., Dublin

- Implemented custom table layouts across Xsellco e-commerce platform (Zend PHP).
- Development of Ultimate Rugby.com website (Zend PHP).
- Deploying through Git.

Sep12-Nov13 **Web Developer**, Lurtel Ltd., Galway

- Built and delivered high quality websites for schools and preschools.
- Deployment of CMS improvements and updates (WebsiteBaker, Wordpress).
- Developed student management system using CakePHP.
- Configured client hosting – Cpanel, VPS, Windows Server 2003.
- Managing Git repository for student management system and roll out of new features and system updates to customer instances.

Jun10-Sep13 **Web Developer**, Footfall Ltd., Galway

- Increased efficiency of sales process and business functions with development of a PHP based CRM system.
- Improved company's online presence with website, and SEO development (Wordpress).
- E-Commerce development including payments integration (Zen Cart, Open Cart, Realex, Paypal).
- Deployed and supported internal IT systems and workstations.

Apr10-Apr10 **Web Developer** (*Internship*), Wiccle Ltd., Galway

- Contributed to the development of the company's own PHP based content management platform using PHP, MySQL, JavaScript, JQuery and AJAX.

Jan07- **Freelance Web Designer / Developer**

- Design, development, and hosting of websites for individuals, small businesses, charities, and communities (Wordpress, Drupal).

Dec06-Nov09 **Senior Technical Officer** Rock Solid Systems, Galway

- Took ownership of the installation of backup, encryption, and document management software solutions onto Windows, MAC, and Linux platforms.
- Linux & MAC backup software clients required use of PostgreSQL.
- Supported 200 SMEs via telephone, email, and onsite.
- Analysed statistics and status of backup completion and data growth.
- Implemented an online help desk system and a CRM system.
- Improved company's online presence through development of new website.

## **Education:**

2008 **Master of Science in Learning Technologies** (*Part-time*)

- National College of Ireland, Mayor Street, IFSC, Dublin 1
- Thesis title: "A Framework for the Use of Wikis in Higher Education"

2006 **Higher Diploma in Science in Computing in E-Learning** (*Part-time*)

- National College of Ireland, Mayor Street, IFSC, Dublin 1

2005 **Bachelor of Science (Honours) in Software Systems**

- National College of Ireland, Mayor Street, IFSC, Dublin 1

2001 **Leaving Certificate**

- St. Michaels College, Ailesbury Road, Dublin 4

## **Achievements and Interests:**

- **Awards:** Gaisce (Bronze) 1999, European Computer Driving Licence 1999, St. Michaels Class Merit 1998 and 2001, Keeping Safe Child Protection Awareness 2011.
- **Volunteering:** I am currently volunteering with the ISPCC as a Childline service facilitator engaging with children, supporting other volunteers, and contributing to fundraising and advocacy campaigns. I also volunteer with Johnstown Tidy Towns working on community improvement projects and as a mentor with Kells Coder Dojo. I previously worked with Turn2me.org as a moderator for their online services, spent time canvassing with Generation Yes and Ireland for Europe during the Lisbon Treaty Referendum, and I was a leader of The Foroige Youth Club in Cabinteely.
- **Sport / Hobbies:** I pursued an interest in Archery throughout second level education and I am a past member of the Irish Amateur Archery Association. I have a keen interest in swing dancing and I regularly attend social and charity events including a performance at the Volvo Ocean Race 2011-2012 final in Galway and fundraising events for Enable Ireland.
- **Travelling:** I have travelled extensively throughout Central and Eastern Europe. I enjoy experiencing new cultures and adapting to new environments.