Peter Heylin
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A full stack software developer with more than 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:

Jan22-Jul22 **Full Stack Developer**, Future Ticketing Ltd., Tullamore

- Development of additional functionality for PHP-based ticketing platform (Codeigniter).
- Progressive Web App development using VueJS
- API Development (Slim)
- Deployment on AWS elastic beanstalk
- Provide 3rd tier support for the company's proprietary platform.

Mar14-Dec21 **Full Stack Software Developer**, Fujitsu (Ireland) Ltd., Dublin

- Managed 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.
- Automated daily data management and alert tasks using bash/shell scripts.
- 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.
- Developed wireframes and PoC prototypes for numerous customer projects (Figma).
- 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.
- Fully automated 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.
- Managed Git repositories and application deployment to test and production environments.
- Streamlined disaster recovery process with the development of an ERM/data disk replication tool using bash and Veritas.
- Increasing client satisfaction through the design and development of K2 workflow applications combined with SQL Server to automate financial and internal processes.

- Performed audit of commercial applications for financial client to maintain up to date management records including specific application details, installation location, security information, and business and technical contacts.
- Investigate & resolve tickets raised by network users within agreed SLA.
- Engaged in regular SCRUM sessions within an innovative and knowledge sharing environment.
- Development of micro-site for the Fujitsu charity partner, NCBI (Wordpress, GlobalPayments)
- Member of the Fujitsu CSR forum with direct involvement in charity partner selection, running the Movember campaign, partaking in fundraising activities such as the cycle of light for NCBI and 5k my way for ASI.

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 CMS driven websites for schools and preschools (HTML / CSS).
- Deployment of CMS improvements and updates (WebsiteBaker, Wordpress).
- Developed & maintained student management system using CakePHP.
- Configured client hosting – Cpanel, VPS, Windows Server 2003.
- Managed Git repository for student management system and rolled out 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 modern website design - revamping main website and launching spotlight product websites (HTML / CSS / Wordpress).
- Created an SEO and online advertising strategy with the help of Google analytics, adwords, and webmaster tools.
- 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**, Peter Heylin

- Design, development, and hosting of websites for individuals, small businesses, charities, and communities (Wordpress, Drupal).
- Personal development projects include:
  - Symptom search engine SPA (AngularJS)
  - Portfolio website (VueJS & Flask)
  - Contribution to the open source contact.ie web app (PHP)
  - App to send event updates via SMS (Python & Twilio API).
  - App to manage housing development (Codeigniter).
  - Neighbourhood Watch alert app (Wordpress).

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 and utilising SQL and PostgreSQL instances.
- Supported 200 SMEs via telephone, email, and onsite.
- Increased client satisfaction by providing statistical analysis of backup completion and data growth.
- Reduced issue resolution time following implementation of an online help desk system and a CRM system.
- Improved the company's online presence through development of a new website (HTML / CSS).

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
- Industry work experience with BearingPoint working on the Automated Passport System March - October 2004

2001 **Leaving Certificate**
- St. Michaels College, Ailesbury Road, Dublin 4

Achievements and Interests:

- **Volunteering:** I have been volunteering with the ISPCC as a Childline service facilitator for more than twelve years engaging with children, supporting other volunteers, and contributing to fundraising and advocacy campaigns. I am

secretary for Johnstown Tidy Towns working on community improvement projects and I am champion with the CoderDojo in Kells. 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.
- **Awards:** Gaisce (Bronze) 1999, European Computer Driving Licence 1999, St. Michaels Class Merit 1998 and 2001, Keeping Safe Child Protection Awareness 2011, Children First Certificate 2018, Occupational First Aid QQI Level 5 2018.