

## Curriculum Vitae: Daryl Feehely

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## Introduction

I'm a technical project manager and web software developer with 20+ years of experience in software development and 13+ years of experience in planning, managing and implementing medium scale web projects. I have lead small to medium size development teams over various projects and roles. I have conducted business analysis, requirements gathering, planned projects, liaised with stakeholders, developed software and successfully delivered solutions in a wide range of industries including start-ups, SMEs, multi-national companies and public sector organisations.

## Education

- University of Limerick, 2011-2014, MSc by Research in Computer Science
- University of Limerick, 1999-2003, BSc (First Class Honours) in Computer Systems
- St.Flannan's College, Ennis, Co.Clare, 1995-1999, Honours Leaving Certificate

## Skills

Project Management	Web & Mobile UI/UX	MySQL, Postgres, Oracle, MSSQL
Team Leadership	Drupal 7, 8, 9 CMS	Photoshop
Stakeholder Liaison	Database Design	C# 4.0 & ASP.Net 4.0
Requirements Analysis	GIT / SVN	Java
Project Strategy & Planning	Responsive Web Development	Research Methods
Frontend UI – HTML5, CSS3, JS, JQuery	Web Services – REST, JSON, SOAP	Java (Android)
PHP (Core, Symfony MVC Framework)	UI Wireframing	ASP (Classic)

## Employment

Jan 2014 – Present	Web Project Management & Development Consultant	Consultant
Skills Developed	General Duties	
<ul style="list-style-type: none"><li>▪ Project Management</li><li>▪ Requirements Analysis</li><li>▪ Stakeholder Liaison</li><li>▪ Symfony &amp; PHP</li><li>▪ Drupal 7, 8, 9 CMS</li><li>▪ HTML5, CSS3, JS, JQuery</li><li>▪ ASP.Net 4.0 (C# 4.0)</li><li>▪ UX Wireframing</li></ul>	<ul style="list-style-type: none"><li>• Project management, scoping, requirements analysis, resource management.</li><li>• Freelance CTO services, strategic, advisory &amp; project based.</li><li>• Full stack multi-tier web development on .Net and LAMP stacks.</li><li>• Frontend responsive UI development using HTML5, CSS3, jQuery.</li><li>• Full stack ASP.Net, PHP (Symfony) and Drupal 7, 8, &amp; 9 development (DCU, IDLO, Journal of Music)</li><li>• Requirements analysis, UX wireframing, stakeholder liaison and project management of multiple web based projects (DCU, McCannBlue).</li></ul>	

Sep 2011 – Aug 2014	Part time MSc by Research in Computer Science	
	Interaction Design Centre - University of Limerick	
Skills Developed	Research Overview	
<ul style="list-style-type: none"> <li>▪ Mobile App Dev</li> <li>▪ Java (Android)</li> <li>▪ Eclipse</li> <li>▪ Research Methods</li> <li>▪ UI/UX Testing</li> <li>▪ Drupal 7 CMS</li> <li>▪ RESTful JSON</li> <li>▪ Responsive Design</li> <li>▪ </li> </ul>	<ul style="list-style-type: none"> <li>• Research into the use of mobile technology in delivering an alternate method for indoor wayfinding.</li> <li>• Development of Android application (<a href="https://play.google.com/store/apps/details?id=com.ul.idc.F7W">https://play.google.com/store/apps/details?id=com.ul.idc.F7W</a>) and mobile website (<a href="http://first7weeks.ul.ie">http://first7weeks.ul.ie</a>) for the First Seven Weeks Programme to demonstrate this research.</li> <li>• App includes indoor maps for buildings in UL &amp; allows the scanning of a QR code to show your position on the map. App also gathers usage analytics from how the indoor wayfinding is used, which is gathered and analysed as part of my thesis.</li> <li>• Mobile website built using Drupal and delivers content and map updates to the app using JSON RESTful webservices.</li> </ul>	
Oct 2011 – Dec 2013	Web Manager	
	Dublin City University - Dublin	
Skills Developed	General Duties	
<ul style="list-style-type: none"> <li>▪ Drupal 7 CMS</li> <li>▪ PHP</li> <li>▪ HTML5, CSS3, JS, JQuery</li> <li>▪ Oracle DB backend</li> <li>▪ Project Management</li> <li>▪ Team Lead</li> <li>▪ Requirements Analysis</li> <li>▪ Accessibility (WCAG 2.0)</li> <li>▪ Web &amp; Mobile UX</li> <li>▪ Web Analytics</li> <li>▪ RESTful JSON</li> <li>▪ Load Testing (JMeter)</li> <li>▪ Kayako &amp; RMS Ticketing</li> <li>▪ Responsive Design</li> <li>▪ Unix Commands</li> <li>▪ Stakeholder Liaison</li> </ul>	<ul style="list-style-type: none"> <li>• Web team lead (4 to 7 team members)</li> <li>• Management of development and maintenance of all internal and public DCU web systems, frameworks &amp; projects</li> <li>• Drupal PHP custom development (templates, module configurations, frontend UI changes using PHP, HTML5, CSS3, JS, JQuery)</li> <li>• Third level web support (Drupal &amp; custom PHP frontend &amp; Oracle database)</li> <li>• Liaison with project stakeholders across the university community (incl President)</li> <li>• Requirements analysis and documentation creation (proposals/specifications/project plans)</li> <li>• Definition and standardisation of development, documentation and operational procedures e.g. SVN versioning, Asana task mgmt., continuous integration plan.</li> <li>• Development of PHP/MySQL exam results delivery system &amp; process.</li> </ul> <div data-bbox="469 1442 676 1487" style="background-color: #f4a460; padding: 2px;"><b>Highlights</b></div> <ul style="list-style-type: none"> <li>• Project management of new DCU website project including requirements analysis, rollout planning, content re-organisation, navigation and UX streamlining, technical liaison with branding/design company, technical integration of new templates &amp; Drupal restructure, deployment procedure creation, co-ordination of cross-university teams and resources, primary contact point for siteowners and university senior management.</li> <li>• Definition of a sustainable mobile application development infrastructure using the cross-platform FeedHenry suite of tools. Feature specification, interface design and project management of the first app within this framework.</li> <li>• Senior member of internal working group tasked with identifying workflow problems, gathering feedback and analysing issues in order to produce a set of recommendations.</li> </ul>	
Mar 2009 – Oct 2011	Technical Project Manager, Senior ASP.Net Software Engineer	

**Skills Developed**

- ASP.Net 3.5
- C# 3.0
- VS 2010
- HTML, CSS, JS, JQuery
- Unit Tests, FxCop
- Selenium UI Testing
- Web UI/UX
- MSSQL Server 2010
- IIS 6.0
- SVN
- FogBugz Bug Tracking
- Requirements Analysis
- Team Leadership
- Project Management
- User Training

**General Duties**

- Project management, requirements analysis & stakeholder liaison (35 institutions, 2 government depts)
- Technical oversight of BlueBrick.ie site architecture incl Frontend UI & UX, backend Business Logic Layer and DAL for main site and support admin web systems.
- ASP.Net 3.5 and C# 3.0 development using Visual Studio 2010, MSSQL 2005 & 2008 Stored Procedures incl Frontend Web-controls, Business Logic Layer & DAL, Visual Studio Unit Tests, FxCop code validation
- Development team lead (3 members)

**Highlights**

- Project coordination of Springboard 2011 which included requirements analysis, project planning, stakeholder liaison (HEA and Dept. of Education and Skills, IOTI), development of system modifications and co-ordination of content rollout with the 35 education providers and training of providers.
- Development of dynamic application form functionality within the BlueBrick.ie proprietary ASP.NET 3.5 C# site framework.
- Design and development of application & content management system incl integration with third party student record systems

Mar 2007 – Mar 2009

**Senior Software Developer**

Avvio.com - Limerick

**Skills Developed**

- PHP
- MySQL
- HTML, DHTML, CSS, JS
- JQuery, Mootools
- MySQL
- SOAP, WSDL
- SVN
- Flash (AS3.0)
- Unix Commands
- Requirements Analysis
- Client Liaison
- Mentoring

**General Duties**

- Development & maintenance of proprietary PHP hotel booking engine software
- Requirements analysis of software suite features, including functional specification document creation featuring UML architecture, component and sequence diagrams, and feature use case descriptions.
- Development of standalone and CMS integrated websites (PHP, HTML, CSS, MooTools, JQuery, XML)
- Responsible for technical aspects of each site through the entire project lifecycle from requirements analysis to design, development, testing & deployment

**Highlights**

- Development and maintenance of proprietary Hotellinx PMS interface software including WSDL SOAP webservice definition.
- Development & maintenance of a wide range of high profile client websites (e.g. Ashford Castle, Maldron Hotels) using various web technologies including, DHTML, CSS, JS, Flash, XML, ActionScript 3.0, PHP & MySQL.

Oct 2006 – Mar 2007	<b>Self-employed Web Software Developer</b>	<b>Clearway Solutions - Ennis</b>
	<b>General Duties</b>	
	<ul style="list-style-type: none"> <li>Design, development &amp; maintenance of custom built CMS websites using ASP, ASP.Net 1.1, PHP, Yii MVC PHP framework, Cake PHP MVC Framework, MySQL &amp; MSSQL, Joomla, Wordpress.</li> <li>High level of requirements analysis and client liaison also involved.</li> </ul>	
May 2004 – Oct 2006	<b>Web Software Developer</b>	<b>Enablesoft Ltd - Ennis</b>
	<b>General Duties</b>	
	<ul style="list-style-type: none"> <li>Reprisal of AMS Technology role (same company after rebranding).</li> <li>Design, development and maintenance of CMS websites, online stores and CRM systems using ASP, ASP.Net 1.1, MSSQL, MySQL, HTML, DHTML, CSS, Requirements Analysis &amp; Client Liaison</li> <li>Development of custom online store for Discovery Channel UK</li> </ul>	
Nov 2003 – Apr 2004	<b>Junior Software Design Engineer</b>	<b>Nortel Networks - Galway</b>
	<b>General Duties</b>	
	<ul style="list-style-type: none"> <li>C++ and Java development of product features and bug fixes for proprietary call centre telephone server product including development of XML protocol handler.</li> <li>Awarded responsibility of main product sub-system within 6 months of joining.</li> </ul>	
May 2002 – Nov 2003	<b>Web Software Developer</b>	<b>AMS Technology - Ennis</b>
	<b>General Duties</b>	
	<ul style="list-style-type: none"> <li>Web development of CMS websites, online stores &amp; CRM systems using ASP, ASP.Net 1.1, MSSQL, MySQL, HTML &amp; CSS</li> </ul>	
Jan 2001 – Sep 2001	<b>Cooperative Education Placement</b>	<b>Tellabs Ltd - Shannon</b>
	<b>General Duties</b>	
	<ul style="list-style-type: none"> <li>Embedded C &amp; Perl test development. Perl and JSP web development.</li> </ul>	

## Other Projects & Publications

- FoundThisWeek.com - weekly blog to showcase interesting online content.
- SmartThinkingBooks.com - blog to highlight & promote non-fiction books.
- Completed Foundation UX Training course with UXTraining.ie – June 2014
- HEAnet 2012 Presentation on “The Proliferation of Information Access using Mobile Devices in HE Institutions”, Nov 2012 - <http://www.heanet.ie/conferences/2012/talks/id/4>
- BSc in Computer Science Final Year Project: A GPS Navigation Application for a Pocket PC using Embedded VB, May 2003

## Interests

I'm always interested in emerging technologies and applying them in real world scenarios. I'm an avid Munster Rugby supporter and a keen photographer, and I enjoy both these interests in isolation and combined. I was on the panel of matchday photographers for the Munster Rugby Supporters Club for 8 years, and my photography specialising in music and events: <https://photos.darylfeehely.com>

## References

References available on request