Pedro Pereira

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**Profile**

I am a “full stack” Software Engineer used to work with different kinds of technology, but I'm specialized in C# but more recently getting very excited with Frontend development. I have a great academic background but I always seek to further develop my knowledge. I have a strong orientation for problem solving, tempered with commercial realism.

I love to learn new technologies and I spend some of my personal time building new solutions to improve my knowledge in developing software. I'm very interested in Software Architecture and Performance Optimization. I am willing to learn and to improve myself every day.

Currently I am working in Web development both frontend and backend development using HTML5, ReactJS, Redux, Typescript, NodeJS for Frontend, C# and ASP.Net core and Entity Framework for Backend.

**Skills**

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| * ASP.NET MVC | * JQuery |
| * ReactJs and Redux | * CSS |
| * .Net C# | * SQL/Oracle |
| * HTML5 | * Web API |
| * AngularJS * Javascript | * Node.JS * Git |
| * Typescript |  |
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**Educational Qualifications**

Jun 2014 Microsoft Certified Solution Developer - Web Applications

Microsoft Transcript -> Transcript ID 1032427 Pass:pedropereira https://mcp.microsoft.com/authenticate/validatemcp.aspx

Sep 2006 – Sep 2009 Computer Science Engineering

Instituto Superior de Engenharia de Coimbra-ISEC

* Bachelor Degree with Score 15 (0-20) - Equivalent to 1st Class Degree.
* Final year thesis: Development of a Middleware in UNIX- C++, in order to control and interconnect various devices and services in a simple manner for the user. This project was involved in a European project name Bedmond. More info http://ibernex.es/project/bedmond/?lang=en

**Work Experience**

Feb 2016 – Present AON – Contract Senior Software Developer

Dublin

***Key Tech: Javascritp, ReactJs, Redux,C#, Web Api Asp.net Core, HTML5*,** ***CSS, Jquery, Gulp, Node.JS, AWS Web Deployment, Octopus, TeamCity***

* Development of a SPA for financial brokers and insurance companies using Typescript, ReactJS and Redux.
* Development of reusable components in ReactJS.
* Research towards tools and techonologies to improve in Frontend side.
* Test Driven Development
* .Net Core Web Api
* SQL Server & T-SQL
* SVN/Git.

Jan 2015 – Feb 2016 eMaint – Senior Application Developer

Dublin

***Key Tech: C#, Web API MVC 5, .Net 4.5, RabbitMQ, Autofac (DI), Javascript, Angular JS 1.X, ReactJs, HTML5, Jquery, Gulps, Node.JS, Ionic, Git, Azure Web Deployment, TeamCity, Octopus***

* Development of a CMMS using C#, Asp.Net MVC5 , Javascript, AngularJS, ReactJS and Web API.
* Development of small mobile app using Ionic, AngularJS, ReactJS and Cordova to read and store locally to use offline and sync to the cloud when online.
* Development of a small server in NodeJS for testing the mobile app.
* Development of a small module to integrate with Quartz.net to request for schedules and trigger events for the CMMS based on the type registered. Deployment as a worker role in Azure.
* Test Driven Development
* Unit Tests with xUnit.
* Acceptance Tests in Specflow
* End to End test with ProtractorJS
* Continuous integration using TeamCity.
* Scrum
* SQL Server & T-SQL
* Git

Jan 2014 – Dec 2014 MobileAware –Software Engineer

Senior Lead Windows Phone Developer

Dublin

***Key Tech: C#, Windows Platform, Xaml, Universal Apps, MS Blend, Reusable Components***

* Developing projects in Windows Platform (Windows Phone 8/Win 8/ Universal Apps) for major companies in the Telco and travel market,
* Developing frameworks (UI, Analytics, Business Logic) for speed up in the development of the new applications.
* Development of PCL projects for reusable code between the window store apps.
* Created portable libraries for shared logic in WP and Windows 8.
* Microsoft Blend as tool for small design, animation and UI tweaking.
* Mentoring and supporting in development a small team of developers for the projects in WP/Windows 8.
* Developed Tesco Mobile UK Windows Phone 8 – 10k Downloads and 233 reviews (4.5 Stars)
* Developed Tesco Mobile UK Windows 8.1.
* Using Git as distributed revision control and source code management (SCM).

Jul 2013 – Dec 2013 Pixalert – Contract Senior Software Engineer

Dublin

***Key Tech: ASP.Net MVC 4, Winforms, Javascript, CSS, Jquery, C#, C++***

* Development and maintenance of the software Pixalert Auditor in Winforms and migrating to a version in ASP.Net MVC 4, HTML5, Javascript, CSS3, JQuery
* Maintenance of project in C++ for a library for Licensing.
* Using Git as distributed revision control and source code management (SCM).

Jul 2012 – Jul 2013 ISA – Inteligent Sensing Anywhere - Contract Senior Software Engineer

***Key Tech: ASP.Net MVC 3, EF 4, LINQ, Jquery, Javascript, WPF, Silverlight, C#***

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| --- | --- |
| |  | | --- | | * Design and developing of the site <http://mydata.cloogy.com/?lang=EN> using ASP.NET MVC3, Entity Framework 4, developed querys in LINQ and PL/SQL. * Cloogy: <http://www.isasensing.com/uk/pagina/126/o-meu-cloggy/> * Development and maintenance of the software Kisense, that consists in analyzing and processing data read from sensors energy in order to be displayed as format charts, tables Controls with high usability. * Planning and Development at the level of User Experience in Silverlight / WPF. * Worked with WPF/Silverlight, C#, WCF Services in the project Kisense, developing new functionalities for energy supervising for the business clients. Reusable code and optimization of LINQ queries. Kisense: <http://www.isasensing.com/uk/pagina/98> * Design and developing WCF and Rest Web Api Services to the service side using LINQ TO SQL queries using techniques of performance and big data. * Design and development of SQL queries in SQL server 2008 and 2012 in both projects that maintained. * Work tools: VS 2010, VS 2012, SVN, JIRA, SQL Management Studio 2008/2012 * SCRUM as methodology and software development work. Used CMMI for development in the process of developing Software. * Development of UML, workflows, and breaking into user stories. | |

March 2011 – Jun 2012 INFOS Software Engineer

***Key tech: ASP.NET WCF, WPF, Winforms, C#, LINQ, MS SQL 2008***

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| --- |
| * Development and maintenance of software MaxiRetail, analysis and documentation of all modules to be developed (UML, Use Case). Development of various interfaces in WPF UI Backoffice product MaxiRetail 2011 and 2012, using C#, design pattern MVVM, WCF services, LINQ, SQL 2008. * Development of a cross-platform application in Phonegap, ASP.Net MVC 3 for sales income search in daily, monthly and yearly views. * Development in Winforms POS modules Maxiretail 2011 and 2012. * Work tools: VS 2008, VS 2010, TFS, SQL Management Studio 2008/2012, Microsoft Expression Blend 3 and 4. * SCRUM |

Sep 2009 – March 2011 HIS- Health Innovation Systems WPF Software Engineer

Key Tech: ASP.NET WCF, WPF, C#, LINQ, PL/SQL

Software development in the area of Health, which was involved in developing from the beginning a project based on .Net and N-Tier architecture.

* Specialization in WPF UI Controls
* Worked with C # and enriched my knowledge in technologies WPF, Silverlight, WCF services, Linq and PL/SQL database in SQL Server 2008.
* Development and optimization of code in the UI Layer.
* Used work tools: TeamSystems VisualStudio 2008, SQL Server 2008 Management Studio Express, Microsoft Expression Blend and Design.
* SCRUM

**Academic Project**

Development of a Middleware in UNIX- C + +, in order to control and interconnect various devices and services in a simple manner for the user.

Based on a set of ISO / IEC.

Documentation of all decisions, implementations, and testing during the development of limitations.

This project was involved in a European project name Bedmond.

Was also developed an application in Compact Framework PDA to communicate with the middleware. In this project I worked with C + +, C #, XML and communication libraries used TCP / IP, HTML, XML file handling, multithreading, semaphores (Mutexs) and record logs. More info http://myurc.org/tools/UCH/

**Interests**

* Sport
* Games
* Movies

**Projects**

* Tesco Mobile – WP8/8.1 - <http://www.windowsphone.com/en-gb/store/app/tesco-mobile/14fa2c1a-bccc-4350-bd10-9420a73536ca>
* Card Auditor - (WCF Service) - <http://www.pixalert.com/products-services/data/card-auditor.html>
* Kisense – Silverlight & ASP.Net WebApi – <https://www.youtube.com/watch?v=ww-J_spzgkc>
* Cloogy – ASP.Net Web Api - <http://www.cloogy.com/en/>
* MaxiRetail - <http://www.infos.pt/main.php?id=255>
* Francesinhas – WP8/8.1 - <http://francesinhas.com/> - (Personal project)

**References**

References available on request