# **Marcus Quigley**

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## **Professional Summary**

Senior full stack developer specializing in OO approaches using SOLID design principles to multitier development. Extensive background in full life-cycle of software development process including requirements gathering, design, coding, testing, deployment, debugging and continual interaction with shareholders/end users. Proven track record of designing and implementing flexible solutions which support frequent UI and functionality changes.

## **Skills**

Languages: C# 5, JavaScript 3, Python 2, Java 3, T-SQL 3

Tools: WPF 5, Winforms 4, XAML 4, Git 3, Prism 4, Unity 4, MVVM 5, Rx 2, XUnit 3, Nunit 3, Moq 3

Internet: React 2, React hooks 2, Jest 3, Node.js 1, TypeScript 1,REST 3, ASP.NET 2

Database: SQL Server 3, Oracle 2, Entity Framework 2

IDE: Visual Studio 5, Visual Studio Code 4, Eclipse 3

Note: Skill level 5 is highest.

## **Work History**

Senior Developer | 04/2018 – 07/2019 | Clear – New York, NY

* Maintained and extended existing WPF application that drove 70% of the businesses revenue.
* App enrolled and verified users to enable them to skip security lines for airports and stadiums.
* Highlights include replacing inheritance chains with containment, creation of automated UI test suite using TestStack.White and reducing Xaml duplication by creating data templates and user controls.
* App implemented with CI/CD using Bamboo and Bitbucket. Also used TDD process.
* Used C# v6.0, WPF, TPL, RX, XUnit, White, Moq, Git, Bitbucket, Bamboo.

Senior Developer | 03/2017 – 04/2018 | Capital One – New York, NY

* Created a Risk OMS that allowed traders and analysts to forecast the probability of a party defaulting.
* App allowed users to theoretically trade securities over certain time lengths and then calculate Risk metrics such as PFE and EE on these trades.
* Highlights included changing existing business data structures to increase performance by 80% for the risk calculation.
* Trained analysts on how to write software to the SOLID, DRY and KISS principles.
* Used C# v4.5, WPF, MVVM, Prism, SQL Server 2012, ASP.NET Web API 2, XUnit, Moq, Git.

Senior Developer | 04/2016 – 02/2017 | Celebrity Black Card – New York, NY

* Designed and created a multi-tier desktop Line of Business (LOB) application that matched celebrities with brands for product placement and marketing opportunities.
* App is full stack of Microsoft technologies, leveraging Telerik WPF controls.
* Used C# v4.5, WPF, MVVM, Prism, Unity, Dapper, AutoMapper, SQL Server 2012, ASP.NET Web API 2, Telerik, Nunit, Git.

Senior Developer | 02/2015 – 03/2016 | Credit Suisse – New York, NY

* Analyzed and designed a solution to enable multiple trading application to access data using a common source instead of disparate ways currently in use.
* Maintained a front office OMS that allowed traders to declare interest in securities pre IPO.
* Refactored code to SOLID principles utilizing IOC to achieve loose coupling.
* Developed a trade history screen which displayed trades off date ranges.
* Used C# v4.5, WPF, Nunit, SVN.

Senior Developer | 01/2014 – 02/2015 | Integridata – New York, NY

* Created an enterprise fund management solution with modular design for all tiers of the app.
* App is a loosely coupled solution with asynchronous Rest calls to a backend tier that uses a micro ORM for data access.
* Led junior developers and new hires.
* Used C# v4.5, WPF, MVVM, Prism, ASP.NET Web API 2, Dapper, AutoMapper, Open XML, Telerik, Nunit, SQL Server 2012, TFS.

Senior Technical Consultant | 09/2006 – 10/2013 | Daon – Dublin, Ireland

* Designed and implemented identity management solutions for government and commercial entities worldwide as part of Professional Services team.
* Designed and maintained suite of products as part of engineering team.
* Developed multiple biometric apps using MVC and DI calling Rest services to enroll and match identities using C#, Winforms, WPF, Java, Spring.NET, AXIS2.

Developer | 09/2005 – 07/2006 | Microsoft – Dublin, Ireland

* Maintained Microsoft’s Volume Licensing Web Site, which generated most of the company’s annual revenue.
* Developed an In-house Credit approval tracking application.
* Features including optimizing query performance, improving and securing site usability.
* Used ASP/ASP.NET, C#, VB.NET, JavaScript, XSS, XML, SQL Server, .Net Framework 2.0, VSS.

Developer | 02/2005 – 08/2005 | Vodafone – Dublin, Ireland

* Created multiple web forms using ASP to facilitate customer service applications.
* Used C#, VB.NET, TIBCO, XML, SOAP Toolkit, ASP, JavaScript, Oracle, Toad, SVN.

## **Education**

* Bachelor of Science: Computer Science, 1996. University of Limerick, Limerick, Ireland
* Microsoft Certified Tech Specialist (MCTS): WPF, Windows Applications, 2016
* Certified Biometrics Professional: IEEE, 2012

## **Miscellaneous**

* US citizen
* LinkedIn: <https://www.linkedin.com/in/marcus-quigley-0817723/>
* GitHub: <https://github.com/MarcusQuigley>