



# David Kendall

Software Developer

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## Profile

I am a proficient, hardworking and loyal person with 7 years of commercial experience. I aim to develop efficient, clean and easily maintainable code primarily in the C# language. I also expand this philosophy to any new languages I may be exposed to. I am interested in learning new technologies outside of work, which has led to my recent roles at MixRadio and REPL Group through the self learning of Windows application development and Xamarin.

I am seeking a role where I can take my existing experience and use it to develop new and interesting experiences, as well as expand my capabilities where possible.

## Skills

- C#
- Xamarin
- App Development across a range of platforms - iOS, Android, Windows 8, Windows Phone and Universal Windows Platform (UWP)
- MVVM
- BDD/TDD
- SOLID
- Rest web service integration
- Creation of .NET based web (SOAP/JSON) services
- Creation of .NET windows services
- Processing of XML, JSON and flat file formats (CSV)
- MS-SQL & T-SQL
- JavaScript using ExtJS framework
- Python
- Agile/SCRUM

## Employment History

### Senior Software Developer - REPL Group

April 2016 – Present

- I have been tasked to develop, test and maintain a variety of mobile applications including a stock management application targeting Android devices. This app had to integrate with a variety of hardware barcode scanners and provided a barcode scanning solution using in built cameras.
- The mobile applications were developed mainly in **C#** using the cross platform tooling **Xamarin** using **MVVM** methodology. The user interface was developed using native **AXML** for Android.
- I create and maintain automated unit, integration and UI tests using a variety of tools such as **NUnit**, **Moq**, **Xamarin Test Cloud** and **SpecFlow**.
- I work in an **Agile/SCRUM** environment.
- I integrate **CI** build processes using Atlassian Bamboo.
- I develop cross platform scripts in **Python** to help speed up development.
- I share responsibility with releasing and maintaining the quality of the application using tools like HockeyApp.

### Software Developer - MixRadio

October 2015 – April 2016

- I was tasked to develop, test and maintain the client applications (iOS, Android and Windows Phone) for the music streaming service as part of a medium sized team meeting needs laid out by product owners and the business.
- The applications were developed mainly in **C#** using the cross platform tooling **Xamarin** using **MVVM** methodology with help from the **MVVM** Cross library. The user interface was developed using native **AXML**, **XCode** and **XAML** for Android, iOS and Windows Phone respectively.
- I created and maintained automated unit, integration and UI tests using a variety of tools such as **NUnit**, **Moq**, **Xamarin Test Cloud** and **SpecFlow**.
- I worked in an **agile/SCRUM** environment.
- I shared responsibility with releasing and maintaining the quality of the application between cross-functional teams.
- I was tasked with improving the engagement of push notifications provided by the Android application.

## Senior Software Developer - Altus Ltd

January 2011 – October 2015

- I was tasked to design, develop, test and maintain products created within the company in a full stack software manner, which were aimed and used within the financial sector.
- I developed applications that had **.NET/C#** web and windows services, with supporting **MS-SQL** databases and a **Javascript** front end using the Ext JS framework.
- I was hired originally as a graduate developer and promoted to a senior software developer in September 2012.
- I was assigned lead developer roles in a number of big projects along my career at the company.
- I was tasked to help teach and develop junior developers in their assigned roles within the projects.
- I was tasked to develop and maintain software which was used internally to help streamline various parts of the production line and increase efficiency.

## Education

### University of Exeter – 2:1 in BSc in Computer Science

2007 - 2010

I Studied Computer Science for three years and excelled in a variety of subjects including Design and Method for Software Development, Further Programming and Compilers and Interpreters.

### Truro College – Triple Distinction in Software Development National Diploma

2004 – 2006

I studied a software development course at the time of going to college instead of traditional A-Levels because I wasn't sure what field of computing I wanted to go into. This course gave me a taste of the business and development sides. This is where my love of programming started.

## Personal Accomplishments

- I enjoy exploring new technologies in my spare time. This includes developing Windows Mobile/Windows 10 applications, for which I have released three applications. My first application achieved over 90000 downloads, an average rating of 4 stars and a mention by [Windows Central](#) by the end of its life.
- My second release, My Daily Wallpaper, was awarded a top award by [AdDuplex](#), which saw a review by [Windows Central](#).
- I worked on a mobile application for Point, a Kickstarter IoT device, using the company's public API which was featured in their [newsletter](#). The API returns JSON content and uses an OAuth authentication mechanism.
- I developed an Alexa Skill, [Bus Timetable](#), which provides bus information using Google's Directions API. The skill was soft released in the UK and saw around 800 unique users within its first week.

## Personal Interests

- I have a passion for computer games and enjoy playing them in my spare time
- I enjoy watching films of various genres. I particularly enjoy films in the Sci-Fi genre.

## References

Available on Request