**Anthony Smith**

**PERSONAL DETAILS**

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**EDUCATION & QUALIFICATIONS**

2014 Bachelor Of Computer and Information Sciences AUT University

2009 Diploma in Information and Communication Technologies Level 5 Manukau Institute of Technology

**PROFILE**

A **.Net Developer / C# Developer / CRM Developer** with for 4+ years of experience in development and maintenance of software using C#, PHP, VB.net and Java. Has also worked in development and maintenance of software using CakePHP, Twitter's Boostrap and Java Software Applications. Possesses advanced skills in the following applications; SQL Server Management Studio, Visual Studio 2008 / 2010 / 2012, Visio, Netbeans, Eclipse, Gimp, Xcode, TeXworks, MYSQL, Git, ConnectWise, Quickbooks, Crystal Reports, Microsoft Office 365.

Has worked in **Agile** environments liaising extensively with business stakeholders and users. Possesses the ability to effectively translate business requirements into efficient technical solutions that deliver results for clients. Persistent attitude to problem solving combined with strong attention to detail have ensured timely completion of all assignments as well as helped deliver exceptionality robust quality of software within specified timeframes. Willing to doself-studyoutside of work hours for this and future contracts.

Seeks **contract work** being **immediately available** for interviews and contract commencement **throughout London**.

**TECHNICAL SKILL SUMMARY**

**Programming Languages** C#, PHP, VB.net, HTML, JavaScript, CSS and Java.

**Frameworks** CakePHP, Twitter's Bootstrap, Java Web Applications, Solid Principals, Drupal, Joomla, WordPress and Cordova

**Software Applications** SQL Server Management Studio, Visual Studio 2012 / 2010 / 2008, Visio, Netbeans, Eclipse, Gimp, Xcode, TeXworks, MYSQL, Git, ConnectWise, Quickbooks, Crystal Reports, Microsoft Office 365

**Methodology:** Agile

**REFERENCES AVAILABLE ON REQUEST; RECOMMENDATIONS AVAILABLE VIA LINKEDIN**

**EMPLOYMENT HISTORY**

**Jun 2015 - Mar 2018** **New Zealand Technology Group Services Limited, Auckland**

*An investment company that invests in small IT businesses in regional New Zealand. Mostly in the Technical service and Telecommunications fields.*  
**C# Developer / Software Developer** responsible for overseeing all of the software development and maintenance work as a solo developer in a Full Stack environment with a focus on Backend. A lot of the work was tracked using an issue tracking system but Agile with a Test Driven Development environment was used for bigger projects.

**Responsibilities**

* Produce reports from the CRM Database (which is SQL Server based) to allow sales staff to identify potential leads for product upgrades and new sales opportunities, e.g. producing a list of customers who were on outdated products so the sales staff could sell them a newer product.
* Maintenance of the CRM, which involved collaborating with the server team to ensure the CRM stayed online and notifying the company if it needed to come offline.
* Fix issues with Billing from the CRM, which involved monitoring of the billing during the night. An automated email was sent to the ConnectWise board if there was an issue and the Error and Stacktrace would then be used to figure out how to fix it. Errors were often related to communication between Quickbooks and the various billing programs and Crystal Reports to the various programs.
* Respond to support requests of the CRM, such as monitoring of tickets inside of ConnectWise. Assess each issue when a ticket came through, check the error logs and make a decision on the resolution method. If an issue was not recognised, the error email would provide a line number in the code to review inside of the CRM’S VB.net based code. The code was viewed and modified in Visual Studio 2012.
* Transfer of Technicians time from ConnectWise onto customers’ bills in the CRM
* Assist the Integrations team in adding customers from newly acquired businesses into the CRM.
* Consult frontline staff on software, provide advice on particular pieces of software so they could make a decision on whether the company could support a piece of technology in-house.

**Skill snapshot:** Agile, VB.Net, SQL Server, Crystal Reports, Visual Studio 2012, Quickbooks, Full stack.

1. **Supplier Reconciliation System**

The aim of the project as to build software that reconciled bills of a particular major supplier ensuring they charged the correct amount for the time period and that there was nothing on the bill that is not in the company's contract with the supplier. The software also made sure that the company billed out for everything listed on the bill. Unit testing was utilised to make sure accurate data was coming through. The software was built in C# using Solid Principles inside of Visual Studio 2012 and utilised SQL Views in SQL Server. Agile principles were utilised.

**Skill snapshot:** Agile, C#, SQL Server, Visual Studio 2012, Solid Principles.

1. **Billing System Upgrade**

Used Agile principles to deliver the project, added more effective error reporting into the billing system and visual indicators to the whole billing process to reassure staff that the billing process was operating correctly, as it had problems in the past from its communications with Quickbooks. The system was built in VB.Net utilising technologies from Crystal Reports, Quickbooks and Visual Studio 2012.

* Added Multithreading to improve the system performance.
* Collaborated with the Finance Manager and Infrastructure Manager to develop system specifications.
* Ensured that in case of network issues when all of the bills were sent out the entire process would not have to be repeated.

**Skill snapshot:** Agile, VB.Net, Crystal Reports, Visual Studio 2012, Quickbooks.

1. **ConnectWise Tech Time Sync**

The task was to develop a system to extract a Technician’s time from the company's Ticket managing software (ConnectWise) via the ConnectWise Restful API and enter this time onto the correct bills with the correct rate inside of the CRM’s SQL Server based database. It also indicated to the Techtime Delivery Manager that a Customer had not been setup correctly between the Billing System and ConnectWise. This was developed in C# following Solid Principles in Visual Studio 2012. It involved continuous consulting with the Customer Support Manager to improve it and ensure it ran correctly.

**Skill snapshot:** Agile, C#, SQL Server, Visual Studio 2012, ConnectWise, Solid Principles.

1. **Debtor Letter Project**

The company had a piece of software built by my predecessor that sent out letters to customers who were overdue on their payments. It had since stopped working effectively and had various outdated features.

* Developed specifications for what it should do by performing interviews with the Finance Manager. I
* Fixed the program updating according to the specifications, making it ¼ the previous size.
* Developed the software on VB.net inside of Visual Studio 2012.
* Retrieved customer details from a SQL server based database and the payments the customer made were retrieved from Quickbooks Desktop API.
* Utilised principles of Agile

**Skill snapshot:** Agile, VB.Net, SQL Server, Visual Studio 2012, Quickbooks.

1. **Supplier Bulk email**

The company was merging with multiple companies all over New Zealand and each of them had hundreds of suppliers they needed to email. This software was built to enable importing of a CSV with all suppliers’ details and adding logos to emails to each supplier stating what was happening. The software was built in an Agile environment in C# following Solid Principles in the IDE Visual Studio 2012.

**Skill snapshot:** Agile, C#, Visual Studio 2012, Solid Principals

**Achievements**

* The **Supplier Reconciliation Application** also allows for over $60,000 worth of refunds to be issued. It was approved as working by my manager.
* Ensured a successful bill run with all bill errors identified using the upgrades made in the **Billing System**. This allowed for the bills to go out on time, thus reducing the number of late paying customers. It also increased the accuracy of the bills and reduced the amount of refunds issued.
* Successful addition of the Customer's Techtime onto their bills using the **ConnectWise Tech Time Sync** allowed billing customers for time in which they needed to deal with a Technician.
* The **Debtor Letter** system brought in over $100,000 in late bills.

**Nov 2013 - Nov 2014** **ACT Party, Auckland**

*ACT is a small New Zealand political party that believes in small government. Has one MP in parliament.*  
**Full Stack Mobile Developer** responsible for the development of the organisation’s mobile application built for their 2014 election campaign. The application allowed potential voters and current supporters to read news from the party, connect to the party through various social media mostly built using communication with the Twitter RESTful API) and sign up for their newsletter (Which was an API call to CiviCRM). It was available during the 2014 election campaign on the iTunes store.

**Responsibilities**

* Collect requirements for the Application from Party stakeholders (mostly party board members but also senior officials in the party) through interviews and posting on private forums for party members asking them what they wanted to be seen in the application.
* Develop the Application following Agile methodologies to allow for the executive committee of the party to monitor the progress of the project. Worked as the sole developer.
* Submission of the Application to the iTunes store.

**Achievement**

Release of the ACT application on the iTunes store.

**Skill snapshot**: Objective C, Xcode, Agile, API, Resful.