

Alfonso Jayson Ragasa C# | WPF | UWP | Xamarin.Forms Developer 0928 399 4669 jaysondragasa@outlook.com

Summary

Started programming way back 1997. I was in 3rd year high school back then. I carry with me my Turbo Basic. BORLAND-OSBORNE book which I borrowed. I carry that everyday and never returned to the owner. I go home late at night and sits in a computer-cafe for several hours learning and trying the sample codes provided in the book and also creating my own small applications in DOS -- a year later I am already creating basic games and apps that I was supposed to sell but never released because nobody understands WHY they need an application. I was never really good at talking and selling.

Years later and moved forward to new different technologies, dropped out in college, had my self thought a new programming language; C# and created countless apps for Desktop and Mobile which I never sell and just gave it away on the internet.. Well I sold some on the Windows Phone Store.

My history of programming started with Turbo BASIC in DOS from 1997 to 2002 then gradually switching to Visual BASIC 6 when I stepped on my college days. I am also switching back and forth with Forms and ASP Classic which are also written in BASIC language then after 2005, started working with a small company which they require to have a C# skills, so I forced myself to learn it. It was a very big leap since BASIC and C# are different, but after a couple of weeks of training myself. I got the job from a that small company and that was the time I finally left the BASIC language era and moved on to C# .NET Technology writing desktop apps with Windows Forms + C#. Moving forward, I started learning .NET CF for Windows Mobile, then XAML + C# for Windows Phone, XAML + C# for UWP (Windows Apps), then XAML + C# for Xamarin.Forms. I am also working with backend support from time to time using WebAPI + C#

Working professionally now for over 4 years plus 5 years before that as a freelance software developer and another 4 years of working professionally after dropping out in college before freelancing. I can say I have a pretty much enough experience in software development and could at least write different solutions for a single problem. I am focusing on Mobile apps development at the moment and using Xamarin. Forms and MVVM coding pattern and I am also capable of learning with other C# .NET platforms with minimal supervision.



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Skill Sets

Programming

- C# (16 years)
- XAML (8 years)
- Visual Basic 6 (4 years)
- Turbo Basic (DOS) (3 years)
- Batch Scripts (1 year)
- ASP Classic (2 years)

Other "softly touched" scripts and languages

- VBScript, JavaScript, C++, Pascal, PHP,

Unit Testing

- NUnit, Microsoft Unit Testing

Database

- MSSQL, MyPHP, SQLite, Firebase

Target Programming Platforms

- WPF (4 years)
- Windows Store App / UWP (2 years)
- Windows Phone (4 years)
- Windows Forms (10 years)
- .NET Compact Framework for Windows Mobile (3 years)
- Xamarin.Forms (3 years)

Technologies

- JSON, XPATH, Web API, Entity Framework, Firebase, Twilio Chat Other slight experiences
- Azure, Amazon, ASP.NET

Source Control Used

- Git, SVN



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Work Experience

CloudTotalSolutions

Xamarin.Forms Developer Jan 20, 2020 to Feb 28, 2020

Technologies used:

Xamarin.Forms
UWP
Web API
C#
XAML
SQL Server
MVVM Light Framework

JSON.NET

JSON.NET

Internal Application For Company

Time-In, Time-Out, and Employee DTR

Developed in Xamarin.Forms that will run an Android tablet for employee time-in and out and using a camera to scan QR codes. The Android app is then communicating to the Web API to send and receive employee details such as employee information and time-in and out time and date.

A UWP application is also used for Human Resource employees to monitor employees DTR. The app is also connected to the Web API to send and receive employee details.

CloudEmployee.co.uk

Xamarin.Forms Developer Aug 2019 to Jan. 20, 2020

Phyxter.Ai

https://phyxter.ai/

Role:

Technologies Used:

Xamarin.Forms Firebase MVVM Light Framework To continue on the development of Phyxter Contractor Application, add new functionalities and fix bugs.

Google Play:

https://play.google.com/store/apps/details?id=com.phyxter.sp App Store:

https://itunes.apple.com/ca/app/phyxter-pro/id1439127839?mt=8

CloudEmployee.co.uk

Xamarin.Forms Developer Apr. 2019 to Aug. 2019

Internal Applications Developer

Role:

To develop an online training portal for developers in CloudEmployee.co.uk. The application lists available courses that developers can enroll to. They can also track their progress, upload images or take notes while they are on training. The application also has badge and ranking system. The enrollee can receive a badge given by the trainer on every course and rank them based on their score. The development discontinued. I was given another client to

work on with.

Technologies Used:

Xamarin.Forms JSON



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Xamarin.Forms Developer Apr. 2018 to Mar. 2019

Technologies used:

Xamarin.Forms C# XAML

Firebase MVVM Light Framework JSON.NET

Pinnguaq

http://www.pinnguaq.com

Pinnguaq was created as a not-for-profit, Pangnirtung-based technology startup in 2012 with the goal of providing play experiences in Indigenous languages. Since then, the organization has begun to embrace ways of incorporating play and gaming into wide reaching applications that can benefit tourism, education, and economic development.

Role

To develop a custom application for Phyxter.Al that will help skilled workers such as Electrician, Plumbers, House Painter, etc. connect to their customers and wholesalers easily. The application is also a virtual partner that runs the contractors payments and invoices as well as charities.

The application is developed using Xamarin.Forms .NET Standard 2 technology to support multiple mobile platforms such as Android and iOS phones. It also uses MVVM coding pattern to with the bindings and make the code structures cleaner.

Google Play:

https://play.google.com/store/apps/details?id=com.phyxter.sp App Store:

https://itunes.apple.com/ca/app/phyxter-pro/id1439127839? mt=8

CloudEmployee.co.uk

Xamarin.Foms Developer Mar. 2017 to Mar. 2018

Technologies used:

Xamarin.Forms C# MVVM Light

PocketBeat

http://www.pocketbeat.com

Pocketbeat was created by people who just love music and especially when it is enjoyed the only way music should be enjoyed. Therefore we offer a music platform where artists can live stream, record and upload their sessions so anyone can enjoy them anytime and anywhere.

Role

To develop a video and music streaming application for iOS and Android.

The application is developed using Xamarin.Forms PCL and the contents are retrieved from the PocketBeat server using



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WebAPI which I am also part of the development. Cross-platform video and music streaming are made possible using an open source Xamarin library called MediaManager.

The complicated part of this application is to support a floating mini player that sits on the bottom of the application. This feature is not available in Xamarin but using my years of knowledge in programming. I made it possible.

App store:

https://itunes.apple.com/us/app/pocketbeat/id1259970844

CloudEmployee.co.uk

UWP Developer Aug. 2015 to Aug. 2016

Technologies used:

UWP C# MVVM Light

Qudini Ltd.

https://www.gudini.com

A UK company providing Virtual Queue Management service for store, restaurant, and bars.

Role

To further develop, bug fixes, and enhance their Windows Apps client application.

The code-behind of the application is written entirely in C# and front-end is written in XAML. The application uses JSON data to communicate from back-end servers.

We use GIT as our source-code control and JIRA as our project management control.

RedBrick Media

Consultant / Software Developer Feb. 2013 to Jan. 2014

Technologies used:

WPF C# RedBrickMedia is now known as RedBrick https://rdbrck.com/

Focuses on innovative software development and advertising. Their technology (web-based apps and downloadable programs), are built and managed in house with a mandate to eliminate clutter with cutting edge solutions.

Under NDA (Non-Disclosure Agreement) contract. Please check my Letter of Reference from this company at the end of this document.



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UpWork and Elance

Freelance Developer 2011 to Aug 2015

Technologies used:

Windows Forms
WPF
C#
SQL Server
JSON
Socket

UPWork

Upwork Profile Permalink

http://www.upwork.com/o/profiles/users/_~01726d3a85709e4732/

PROJECTS:

Programming In visual studios 2013 VB

The client is asking for a help to solve his problem making the DAC (Digital to Analog Converter) device work on his application written in VB.NET. DAC device is used to control the motor for his wakeboarding sport. DAC device should be controlled using the application the client is writing. The motor being controlled is pulling the wakeboarder with a specified speed and distance.

My role is to help the client making it work. The client agreed to re-write the application to C# + WPF XAML.

Technical Challenges:

Remote debugging.

I have to code remotely and client is helping checking the motor speed and DAC device switching automatically.

The application is written with C# + XAML and .DLL library provided by the DAC device.

WPF Developer with PS Experience

Client is asking to convert their Photoshop UI design to WPF. No code-behind, just pure XAML in WPF.

Technical Challenges:

Their design contains custom button UI and window. Making it exactly the same as the design takes a bit of a challenge.

Simple time lapse viewer

Windows desktop application that has two simple windows. The user will select a folder for each window. The user will then specify the frames per second and press play. Both windows will simultaneously play an animation of each image file in their folder, in alphabetical order



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The application is written in C# + WPF XAML

Technical Challenges:

Making the application runs smoother on high resolution images. Unfortunately, it's not possible using .NET native image libraries. The client agreed to resize the images to its optimum resolution before getting viewed.

Dynamic Image display slideshow over 4 monitors

A simple application that will take new images that are copied into a landing folder and display them in sequence over 4 screens.

The application is written in C# with Windows Forms. The application monitors a specific folder that contains images coming from the internet.

Technical Challenges:

Monitoring a specific folder for an incoming image file and make sure that the image file does not get reused.

Time Ticker for Windows

A special Time Ticker for the client's company. They are three doctors and patients want to contact them and talk to them nearly over the whole day. They call first and then come in. The client want them to wait shortly in their waiting rooms, so they want to tell them an exact time, when they should come in. There are different persons at different places without seeing each other that take the calls and at that moment they don't know what's the actual time given out for the next person to come in.

It's actually a time management application that doctors can also edit their block times. They can add minutes or hours if a patient took an extra time.

The application is written in C# with Windows Forms and using SQLite to store the doctor information and schedules.



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Develop a print count application/locking system

Develop a desktop application which links a specific printer to a specific desktop computer. The main objective of this application is to control the printer to stop printing after 400 prints. The user can only print again once I provide them with a code (or file) that will "unlock" the printer.

The application is written in C# with Windows Forms. I have also made a custom unique key generator / "Unlock" codes that the client's customers can buy so they can use the printer again after maxing out their printing usage.

Technical Challenges:

Unlock codes should have an expiration and it must not be shared. That means the unlock codes will work only for a specific machine were the printer is connected to. Remotely debugging the printer is also a challenging part since I do not have the printer they are using, the client is required to test the application everyday with and the client will send the logs back to me so I can analyse the issues or bugs if there are any.

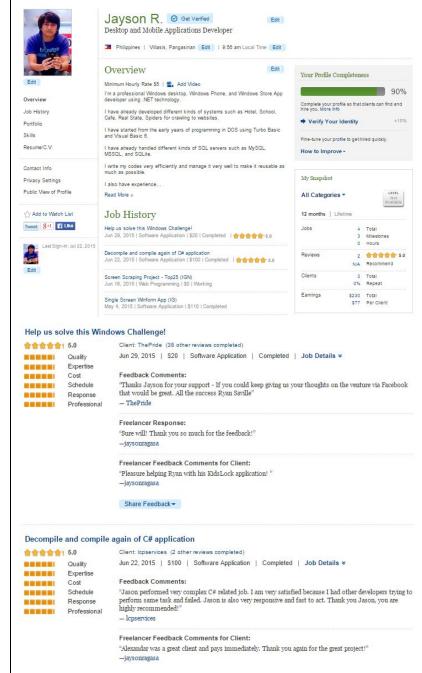
ELANCE

Elance and UpWork has migrated and have not linked my profile to UpWork. I have kept a screenshot of my profile for references.



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PROJECTS:

Help us solve this Windows Challenge

Client is looking for a developer who can give them an idea about Windows child lock security. My past experience and



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making a Client-Server based application for Internet Café to secure a client application for locking desktop helped this client.

Decompile and compile again of C# application

Client is asking to decompile a .NET WPF application, rebuild its source code and make it working for Visual Studio 2013.

Multiple de-compilation tools were used for this project to make sure I get the correct decompiled code and image resources.

Tools Used RedGate .NET Reflector ILSpy.NET JetBrains dotPeek

Anomalist Designs, LLC

Nov. 2007 to Jul. 2011

Technologies Used:Windows Forms

C#

BPlus Indexing XPath SQL Server MySQL Anomalist Designs, LLC

http://www.anomalistdesign.com

Is a small home-based software company located at Baguio City providing clients with the custom softwares.

I have worked from this company as full-time Applications Developer for Desktop.

All applications were written using C# .NET Framework 2 to 3.0

PROJECTS

PDF Formula Parser

A batch tool that extracts formulas from PDF files that contains medical formulas and export these extracted formulas, procedures, and notes to back-end MySQL database.

The extraction was heavily written with RegEx and saving to MySQL database is made possible by using MySQL .NET Connector library.



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Formula Importer

Another batch tool that extracts WMF files and formulas from RTF file and then saved in AskSam database. I also wrote my own RTF reader while developing this application to help me analysing the RTF files and give me an overview of the document pattern.

I have used an open source library for reading RTF file and AskSam database libraries.

Spiders (web crawler)

This is my biggest project in this company and highly maintained application. These spiders are running 24/7 and it was carefully monitored by using different monitoring system I wrote. These spiders crawls through different auction sites and search for software and products using different queries provided by clients.

The spiders has different modules for crawling, database communication, session-aware web client, automated email, logging, and back-end server indexing. The spiders are fully written in C# with the help of Html Agility Pack library and some RegEx.

IT Facilitator

Nov. 2006 to Sept. 2007

I have worked as an IT instructor at National Institute of Information Technology (NIIT) Baguio City and have handled computer lessons such as:

- Computer Programming 101
- Networking 101
- Basic C# Programming
- Animation using Macromedia Flash
- Basic Web Programming
- Digital Media Arts

MIT

Mar. 2006 to Oct. 2006

Oxford Hotel Clark Pampanga

I have work as a full time MIT and a Web Developer. The hotel was newly opened and they require an MIT staff and



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Web Developer to develop their basic web page.

I have also handled network cabling, PBX wirings, room access cards and security key management, computer maintenance.

Education

Education	
College	STI College Baguio B.S. in Computer Science 2002 to 2005 Baguio City
Vocational	City Colleges of Urdaneta Associate in Computer Science 2000 to 2002 Urdaneta City, Pangasinan
High School	Saint Anthony Abbot Academy 1995 – 1999 Villasis, Pangasinan
Elementary	Villasis Central I School 1989 – 1995 Villasis, Pangasinan



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Recognition and Awards

CodeProject.com Best C# article of March 2009

Prize winner in Competition "Best C# article of March 2009" CodeProject.com

Multi RDP Client .NET

Mulri RDP Client .NET is an application I made to connect to multiple remote computers while working on a company that requires someone to monitor a specific applications performance. Written in C# with Windows Forms and using SQLite database to store Remote Desktop profiles and passwords. It is also capable of importing and exporting the profiles to .RDP file. The application uses a special encryption to Encrypt/Decrypt .RDP stored passwords. http://www.codeproject.com/Articles/33979/Multi-RDP-Client-NET

Licenses & Certifications

National Certification II April 29, 2007 Computer Hardware Servicing License Number: 07-15-07-08-0835

Applications For Local Clients and Personal

Hardware Inventory

Windows Desktop Apps Aug. 2016 to Oct. 2016 Client: Dave Ramos A desktop application that manages computer hardware inventory in a warehouse. Very simple design but it has the modern look of Windows Apps and smooth animation transitions.

Technologies used:

WPF C# XAML SQLite MVVM Light Toolkit

Feature

Saving hardware information and picture, hardware lending, hardware releasing, reporting, capable of handling multi-user over a network without using client-server pattern, and managing other information for hardware and users.

This is a WPF application and written in C# + LINQ + XAML. It uses EntityFramework6 for its Data Access Layer and

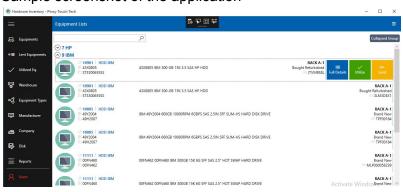


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SQLite as its Database. MVVM Light Framework for data binding with controls.

Sample screenshot of the application

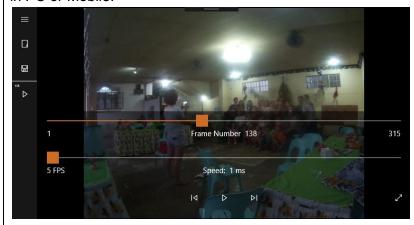


Timelapse Player for UWP
Personal Project

ersonal Project Year 2016

Technologies Used: UWP C# UWP XAML A simple Timelapse Player I made for UWP.

I do timelapse photography some times. If I go to a vacation or some good spot. There are some Timelapse Player application that can be downloaded but I thought, why not make my own. So I made this one for UWP so it can be used in PC or Mobile.



MultiWii Mobile Control
Personal Project
Year 2015

Technologies Used

Its primary use is for tuning the PID settings of the MultiWii Flight Controller for multicopter. It can as well control the multicopter with its virtual joystick. The application is communicating to the MultiWii flight controller using MSP (MultiWii Serial Protocol) through Bluetooth.



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Windows Phone 8
WP Bluetooth
CRIUS AIOP Flight Controller
HS104 Bluetooth Module
MultiWii MSP Protocol
C#



Then & Now Personal Project Year 2014 Then & Now is an application that will help you make an image of a modern day scene overlapped by an old photograph like the one you see on the screenshots.

Technologies Used: Windows Phone 8 C# WP XAML

Azure SDK

Published

https://www.microsoft.com/store/apps/9nblggh07scc





PasswordRabbit
Personal Project

Year 2013

Technologies Used: Windows Phone 8 C#

> WP XAML Live SDK

PasswordRabbit provide you with a safe and secure place to keep all your confidential information. This application typically stores all your information in a database, which can then only be opened if you know the master password. PasswordRabbit can also create an encrypted file backup in your Skydrive account so whenever you lost your phone, reset, or baught a new one, you always restore your accounts. The encrypted backup is using 256bit AES encryption and re-encrypted again and again to make it harder to crack.

Published

https://www.microsoft.com/store/apps/9nblggh0k02n



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Cam & Weather Personal Project

Year 2013

The application shows weather information in your area and you can choose the information layout by swiping, left or right. You can as well draw while taking a picture to add more details and share the photo to your friends and families.

Technologies Used: Windows Phone 8

C# WP XAML Azure SDK

Published

https://www.microsoft.com/store/apps/9nblggh07qtq





Pilipinas Traffic Update

Personal Project Year 2012

Technologies Used HTML 1 **CSS**

With my own effort of understanding MMDA Traffic Metro Base data with bunch of numbers only without documentation, I was able to understand and made a simplified and mobile version of their MMDA Traffic Navigator and this is also my way of trying jQuery for the first time and responsive web app.





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JWMD Wiba UI Personal Project Year 2011

Technologies Used
.NETCF 2
Windows Mobile
SQLite
C#
IlmagingFactory

WibaUI is a custom user interface I made for Windows Mobile 6.5. The user interface was Windows Phone inspired where you can have a start menu tiles which I call a Widget that can have a custom behaviour depends on how it was written., and a short cut tile for launching an application which shows a static image of the application icon. You can also drag and drop the tiles on the screen, resize, or remove. You can install a widget plugin. I put everything I know in Windows Mobile 6.5 in this custom user interface like alpha blending, IlmagingFactory in WindowsMobile 6.5, Registry, kinetic scrolling, activating a DLL in runtime, Plnvokes in coredll.dll, and SQLite.



JSPA Program Manager Personal Project Year 2009

> Technologies Used .NETCF 2 .C#

JSPA Program Manager helps you to organize the shortcuts and lets you create folder, move, copy, delete, rename, add new shortcut, and finger friendly. Made for WM6, 6.1, and 6.5





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Multi RDP Client .NET Personal Project Year 2009

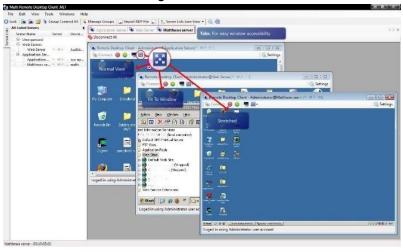
This actually won the Best C# Article of the Month – March 2009 at CodeProject.com. The application was initially published at Codeplex.com and then CodeProject.com and instantly won.

Technologies Used

C# Windows Forms mstscax.dll

SQLite

Multi RDP Client .NET (formerly known as Multi Remote Desktop Client .NET) comes in handy when managing your RDP connections. A simple and friendly user interface for you to work and navigate easily through tabbed RDP remote window. Allows you to Import/Export .RDP files, disconnect all connection at one click and connect all your servers at one click as well. You can also change the resolution while working, set the window into fullscreen mode, and as well as enable window stretching and a lot more features!



HGC System – Home Guaranty Application Realty System Client: Home Guarantee Corp Year 2006

> Technologies Used VB6 Microsoft Access

> > Flash ActiveX

A complete reality system written from ground-up. The purpose is to improve the current manual information and billing system of Home Guaranty Corporation by means of a Computerized Information and Billing System. The system provides reliability and it also aims to minimize the time and effort being consumed in generating and providing accurate and reliable reports



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Computer Aided Learning & Test Administration

Client: San Nicolas Learning Academy Year 2007

> Technologies Used VB6 Microsoft Access

Used to automate the student tests. Instructors can manage questions, date and time when the exam will take, students to take the exam, and student scores.





Got Hub Internet Café Client

and Server Application Client: GotHub Internet Cafe Year 2005

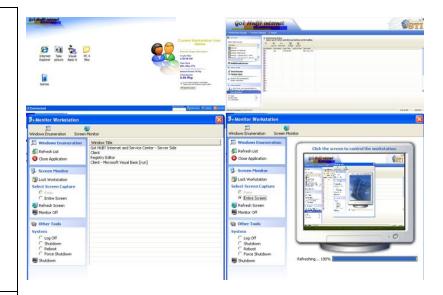
Technologies Used

VB6 WINSOCK Microsoft Access Win32API An Internet Café application that has a capability of sending remote commands to return a list of running applications from the client PC, it can remotely terminate these applications, it can shutdown, reboot, log off the client PC, and the best feature of this application was it was able to monitor the client's PC and remotely control the client PC mouse.



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Polaris College Enrollment and Maintenance System Client: Polaris College

t: Polaris College Enrollment Year 2002 A simple Enrolment Management Application used by Palaris College that is capable of managing student records and subjects. This application uses Access Database and Excel application for reporting.

Technologies Used

VB6 Microsoft Access Microsoft Excel

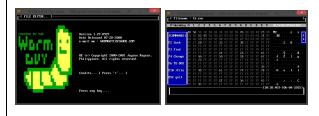


HexEditor for DOS

Personal Project Year 2000

Technologies UsedTurbo Basic

A tool that is used to safely edit binary files which can be used to change information in the application. E.g. Title of the application or a string in the application, numbers in a saved game file – e.g. money or health





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Recommendation Letter



302-560 Johnson Street Victoria, B.C. Canada V8W 3C6

January 15, 2014

To Whom It May Concern,

I am pleased to write this letter of reference for Jayson Ragasa. Jayson worked for Red Brick Media, a Canadian corporation, as a contractor on research and development for new products. Initially hired through o'Desk, we eventually negotiated a longer term consulting agreement.

Jayson was the lead developer on one of our internal projects which we have found increasingly successful. He was often given limited specifications and unlimited scope and required to deliver rapid results. He also worked with the Q&A/Testing team, located in British Columbia, and was diligent in keeping up with communication.

Jayson is extremely resourceful, knowledgeable and creative. His high attention to detail and problem solving capabilities, combined with his good humoured nature and ability to work well with others, make Jayson a desirable candidate for any company.

I hope to work with Jayson again in the future, and wish him all the best with his endeavours.

Warm regards,

TobyrSowden