

# JAMES MARINO

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## Professional Experience

### Full Stack Developer

December 2015 to Present

#### iAccelerate Startup - Casual Position

##### Finlert - Xero Application

- Lead developer for Xero Marketplace app “Finlert” - A Xero Report scheduling service
- Backend of the application taking advantage of a full serverless infrastructure design utilising Amazon Web Services Lambda, API Gateway and Cognito with Lambda Functions written in ES6 and ES7 JavaScript running on the Node.js environment
- Front end of the application using React.js as well as being seamlessly deployed and built using Travis CI to Amazon Web Services S3 Static Hosting
- Ability to work effectively and efficiently with the client to meet project requirements and deadlines

##### Farmgate Exchange (<https://farmgate.exchange>)

- Lead backend developer for web based grain trading application “Farmgate.Exchange” - An industry first online platform for buying and selling grain
- Backend written in ES6 and ES7 Node.js utilising the Hapi.js framework, MySQL database and ES6 React.js implemented in both the frontend and backend
- Heavily involved in technical decisions and direction for the project
- Lead role in infrastructure initial setup, maintenance and management utilising and integrating Amazon Web Services technologies such as EC2, SES, SNS, RDS and S3 into the application
- Usage of Git as the main versioning system
- Working with a team of 4 developers with both frontend and backend experience

##### My Game Guru (<http://mygameguru.com>)

- Lead backend developer for Mobile Application “My Game Guru” - An Australian wide sports game planner mobile application
- Backend written in Node.js utilising Amazon Web Services Lambda infrastructure and the SimpleDB NoSQL Database
- Creation of a front end administrator interface for non technical users to access, edit and delete data which utilises the Bootstrap and JQuery frameworks
- Ability to create backend functionality to cater for the clients needs and changes that occurred throughout development
- Development of a static website given from mockups utilising the latest CSS3 specifications

Roberto - Employee Law Chatbot (<http://www.cooee.com.au>)

- Built and led the “Roberto” project - A Facebook Messenger based chatbot aimed to assist employers with Australian employee law
- Direct involvement with the client to work towards the most ideal solution for an MVP
- Backend and logic of the chat bot written in Node.js utilising the Wit.ai natural language API
- Integration with SalesForce to identify the user’s businesses and employees when talking to the chatbot

## **Mobile Applications Developer**

**November 2016 to Present**

**University of Wollongong - Casual Position**

MyUOW (<https://jamesmarino.name/projects/myuow>)

- Assisted front end development during the redesign of the University of Wollongong’s “MyUOW” mobile application - A student facing app designed to keep students up to date with the University’s news and services
- Ability to learn and navigate an already existing and mature code base
- Able to work off given detailed mockups and specifications being able to deliver on time and to the highest possible quality
- Written for Android and iOS utilising the Apache Cordova and AngularJS Frameworks

UOW Shuttle (<https://jamesmarino.name/projects/uowshuttle>)

- Carried out maintenance and feature work to the mobile application “UOW Shuttle” - A bus timetable app allowing students to plan trips through the Wollongong region with ease
- Confidence in navigating an unfamiliar code base while still being able to tend to bugs and other various major and minor issues
- Written for Android and iOS utilising the Apache Cordova and AngularJS Frameworks

## **Software Developer - FinTech Application**

**March 2015 to November 2015**

**Smartcorp - Casual Position** (<http://smartcorp.com.au>)

- Working in a team of 5 Developers managing and collaborating between multiple tasks involving Web App Development and Website Infrastructure management
- Migration and development of an older web app system into a modern system, with both functionality and interface being upgraded
- Maintenance and management of infrastructure related activities such as production database backup automation
- Ability to learn, use and understand a new programming language from scratch under ASP.NET and apply this language to various tasks
- Knowledge and learning of Microsoft SQL Server and VB.NET

## **Systems Analyst (Business to Business)**

**Jan 2014 to Feb 2015**

**BlueScope Limited** - Full Time Position (<https://www.bluescope.com>)

- Integrations Development in Flow Code and Java using the WebMethods platform
- Managing daily support activities
- Project management, Change management, UAT and promotion into a production environment
- Development of technical documentation
- Develop, setup and test Web Services between businesses
- Test, Stage and Production Server model management
- Troubleshooting a problem and finding an appropriate solution
- UAT and deployment of developed code to production
- The ability to deliver ambiguous projects autonomously
- Writing Technical documentation for team processes

## **Founder / Director of Startup**

**Jan 2013 to Present**

**Gravvity** - Casual Position

- Management of a team of four, including both developers and designers currently collaborating on the “You In” mobile application project
- Lead development and planning of new and exciting mobile and web applications, see “Personal Projects” below
- Incorporating a range of new technologies and infrastructure services to achieve the best quality products possible

## **Personal Projects**

### **You In**

Spontaneous Meetups - Mobile Application - 2016

- Honourable Mention in the University of Wollongong’s hackathon, “Hackagong” product pitch
- Top 2 ranked team in over 100 participating teams
- Currently in development for iOS and Android, incorporating a Firebase Backend and utilising React Native for front end application development

### **MySols**

University of Wollongong’s Online Services

Mobile App - <https://jamesmarino.name/projects/mysols> - 2015

- Currently a user base of over 10 000 active users
- Design and creation of user interfaces and layouts using the Xcode IDE
- Testing and research of the organisations existing Web Application to integrate into a new iOS native application
- Storing login details securely using the iOS keychain

## WordFlow

Distraction Free Text Editor

Chrome Web Application - <https://jamesmarino.name/projects/wordflow> - 2013

- Currently used by over 1800 paying customers with a 4 out of 5 star rating
- Written in pure Javascript utilising new HTML5 capabilities
- Features such as offline usage and storage, dynamic word count and menu animations
- A design written in custom CSS styling developed from scratch

## Freelance Web Development

2013 to Present

JJ Marino Consulting Engineers - <http://jjmarino.com.au>

- Static Website
- Design written in custom CSS to clients specifications

Greg Kerr - <https://gregkerr.com.au>

- Wordpress site utilising various plugins
- Setup and installation on Ubuntu Linux hosted on Amazon Web Services EC2
- Ongoing management and maintenance of the site

Doceo Tutoring - <https://doceotutoring.com>

- Integration of a Payment Gateway in order for students to purchase tutoring minutes
- Installation of proprietary Linux based web tutoring software
- Working with a client remotely

## Technical Skills

### Web Technology Skills

- HTML, CSS and Javascript
- ES6 and ES7 JavaScript utilising the Node.js runtime
- React.js, React Native Libraries and AngularJS Frameworks
- PHP and VB.NET
- Frameworks including JQuery and Bootstrap

### Infrastructure

- Amazon Web Services
  - Autoscaling, production and testing environments with the setup of EC2 instances
  - Using AWS specific services including OpsWorks, Lambda, Route 53, SES, SNS, Cognito, S3, API Gateway, RDS, CloudWatch and IAM (AWS Security)
- Unix systems familiarity, heavy use of Debian, Ubuntu and Redhat systems
- Web server setup and configuration with Apache and IIS
- Usage of iTunes Connect and TestFlight for iOS app and beta app distribution
- Adoption and setup of a completely serverless environment

## Typed Languages and Databases

- C/C++, Java, Objective-C
- SQL, MySQL, Amazon SimpleDB, Microsoft SQL Server, Firebase

## Quick Learning

- Learning ASP.NET on the job
- Usage of Git in a medium sized team
- Usage of Atlassian JIRA in a medium sized team
- Quick adoption of the "Equella" System

## Qualifications

### Bachelor of Computer Science

University of Wollongong, Australia

January 2014 to December 2017

### Certificate III in Information Technology

TAFE Wollongong, Australia

January 2012 to December 2013

### Higher School Certificate

Holy Spirit College Bellambi, Australia

January 2012 to December 2013

## Voluntary Experience

### Hackathon Contestant

"Hackagong", University of Wollongong, Australia  
<http://hackagong.com>

June 2015

"Kingdom Hack", University of Wollongong, Australia  
<https://www.kingdomhack.com>

September 2016

"IoT Challenge", Telstra, Australia  
<https://www.telstra.com.au>

May 2017

### Radio Show Anchor

"Vox FM", Wollongong, Australia

2013 to Present

## Further Personal Details

**Date of Birth:** 1st of December 1995

**Nationality:** Australian

**Website:** <https://jamesmarino.name>

**LinkedIn:** <https://www.linkedin.com/in/jamesmarinoau>

**Github:** <https://github.com/JamesMarino>

**Medium:** <https://medium.com/@jamesmarino>