

Samuel May

Full-Stack Developer

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EMPLOYMENT EXPERIENCE

March 2021 – Current **1-Stop Connections**
Full-Stack Developer

1-Stop Connections is a company in Redfern, Sydney that delivers integrated solutions to increase productivity for the port and logistics industry. Clients include the major Australian container terminals, as well as intermodal and container terminals in New Zealand, Manila, and Peru.

As a senior full stack developer, my responsibilities included code review, overseeing releases, interviewing and onboarding. Projects I have worked on include:

- An internal web app for our finance team using .NET 6 MVC, Dapper ORM and modern asynchronous C#
- A new invoicing system with a .NET Core Web API backend and an Angular 2 frontend. It's used internally as well as by some of our biggest customers
- Improvements to our CI/CD, including introducing containerized and EC2 deployments on AWS, rewriting Windows batch scripts in Powershell, and implementing Jenkins pipelines
- Maintenance and business logic changes for large and heavily used traditional ASP.NET web applications

January 2017 – February 2021 **Omni Software Solutions**
Full-Stack Developer

Omni Software Solutions is a small startup company in Marrickville, Sydney that offers a web-based service for membership management called [MemNet](#), and a suite of related services for association and club management. I was primarily responsible for the development of a large .NET and JavaScript code base, and regularly contributed to all the operations of the company, including project management, quotes, testing, and support. Some highlights include:

- Implementation of new custom web service solutions for clients' business needs, using technologies including ASP.NET MVC, ASP.NET Core, Bootstrap, Blazor, Vue and Vuetify.
- Long-term design and migration of legacy applications from ASP.NET web forms to modern technologies.
- Administration of cloud-based hosting and backups on the Google Cloud Platform and App Engine, as well as traditional systems administration experience with Windows Server and SQL Server
- Integration with third-party applications, including with APIs using Webhooks, implementing single-sign-on functionality using SAML authentication, and collaborating with Wordpress developers to create complete website solutions.
- Managing the company's source code and releases using Git and Azure DevOps, and overseeing the migration of the company's codebase from a self-hosted Subversion repository and issue-tracking software to the newer platforms.

June 2016 – August 2016 **Freelance Mobile Developer**

As freelance mobile developer, I was engaged to do the following:

- Complete several updates to their Android and iOS mobile applications,
- Fix outstanding bugs and ensuring compatibility with the latest mobile OS versions,
- Migrate the Android code base to the Android Studio development environment. The iOS updates were approved promptly by the App Store.

January 2013 – January 2016

1-Stop Connections
Software Developer

In my first stint at 1-Stop, I contributed to a variety of projects including:

- Delivering the first version of the company's mobile app, in a small Agile team as one of two developers. The Eclipse ADT and Apple Xcode development environments were used for both Android and iOS development.
- Creating RESTful web services, using first WCF, and later ASP.NET, to allow the apps to access the data in our existing website databases in JSON form.
- Implementing new features for, and maintaining, our MVC web applications on a .NET platform. We used both Oracle and SQL Server databases, with Subversion, Atlassian Crucible, Jira, and Bamboo.
- I developed the registration web forms for the first roll-out of online booking for the Manila International Container Terminal, in ASP.NET with JQuery. This was a complex task because of time pressure and the poor computer literacy of the users.

December 2007 – February 2008

Alcatel-Lucent
Co-op industrial training

Worked as a developer on the ADSL Work Station remote network management tool, delivered to Telstra. I was responsible for:

- Creating Perl and Unix shell scripts to automate the deployment of the software.
- Testing the high availability and automatic fail-over features of the product.

EDUCATION

2007 – 2011

University of New South Wales, Sydney, Australia
Bachelor of Engineering in Electrical Engineering
Graduated with First Class Honours and a WAM of 83.3

VOLUNTEER WORK & INTERESTS

Manly-Warringah BMX Club

In 2019 and early 2020 I helped organise bike races and maintenance of the track for this community BMX club.

UNSW Outdoors Club

I helped organise instruction and trips for hiking, rock climbing, skiing and other activities. In 2016 I was made a life member in recognition of my long-standing contribution and service.

REFERENCES PROVIDED ON REQUEST
