Samuel May

Full-Stack Developer

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EMPLOYMENT EXPERIENCE

January 2017 – Current   ***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. Clients include Roads Australia, the Master Electricians Association of Australia, the Australian Marriage Celebrants and many other Australian and New Zealand associations.

As full-stack developer I am primarily responsible for the development of a large .NET and JavaScript code base, and regularly contribute 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   **1-Stop Connections**
        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

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 stevedores, and the Manila International Container Terminal.

In the role of software developer, 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.

January 2010 – June 2010   ***Alcatel-Lucent***
                                    Co-op industrial training

Worked as a tester and UNIX developer on the GPON fibre-optic network upgrade, being rolled out for Telstra. This involved:
- Installation and configuration of FTTH products in the test laboratory.
- Configuration and deployment of management products to provide the required solution for the client.

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