

# Jie (Jay) Ma

- Sydney
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## Summary

With 8+ years backend-end software engineer that has solid PHP experience, one year full stack experience mainly with React.js, and also 3 months Golang experience.

A fast and keen learner with good attention to details and excellent troubleshooting skills. Also a good team player who has a proven ability to work analytically. With highly efficient, deadline focused, and handle multiple projects at same time.

## Career History

### Switch Media . Sydney . Sep 2017 - Now

#### Senior Software Engineer

AdEase enables world-class multi-screen server-side ad insertion for both Live and VOD content with zero buffering and a continuous TV-like experience.

- AdEase API Cloud Solution (PHP 7) - Refactor legacy system into new RESTful API
- Storage Service (Golang) - Upload data to cloud (GCS/AWS)
- Encoder Queue (Lumen) - RESTful API and jobs queue system that send requests to encoding system.
- Ad Buffer (Golang) - Retriever Ads from other system, keep in the Redis, and ready to be requested.
- ID3 Tag injection (Golang) - Refactor legacy PHP script that insert ID3 tags into segment.
- Stream Monitor (Golang) - Parsing Manifest/Playlist into JSON that been used in AdEase API.

Architecture keywords: `PHP7`, `Go!ang`, `Docker`, `Redis`, `GCS`, `AWS EC2`, `AWS S3`

## Salmat . Sydney . Jan 2017 - Aug 2017

### Software Engineer

Work with some of Australia and New Zealand's largest and most trusted brands, helping them get closer to their customers. Also provide multi-site businesses with one simple platform that controls execution of marketing collateral across different channels.

- Building new internal system that use Laravel and ReactJS
- Maintain and continuously feature develop the system with Zend 1 framework
- Understand business requirements and design solutions
- Development of high traffic and large scale web application
- Code review, documentation, testing, bug-fixes, technical support.

Architecture keywords: `Laravel 5.4`, `Zend 1`, `ReactJS/Redux`, `MySQL`, `AWS EC2`, `AWS S3`, `AWS Elastic Load Balancing`

## DevHub . Sydney . Jul 2016 - Jan 2017

### Web Developer

Agile development on multiply projects at same time, discuss and find solutions for clients, also delivery code to production on time.

- Build a new partial ReactJS website based on existing website ([projectmate.com.au](http://projectmate.com.au))
- Solely responsible for full stack development of multiply ReactJS/Rails apps ([mealmonster.com.au](http://mealmonster.com.au))

Architecture keywords: `Ruby on Rails`, `ReactJS/Redux`, `Cloudinary`

## Agentbox . Sydney . 2009 - 2016

### PHP Developer

Joined Agentbox when startup. Agentbox CRM System is a leading CRM system to the Australian real estate industry, and top one CRM on domain real estate award since 2015.

- Maintain legacy business logical code
- Refactor legacy business logical code to Symfony framework
- Design and manage development lifecycle
- Manage the release processes
- Introduce the development environments using vagrant

Architecture keywords: `Symfony 2`, `MySQL`, `AWS EC2`, `AWS S3`, `AWS Lambda`

## Qualifications

Master of Computer Science University of Wollongong . 2007 - 2008

Bachelor of Computer Science University of Wollongong . 2005 - 2007

## Skills

### Web Development

- `PHP` - '>= 5'
- `Ruby on Rails` - '>=4'
- `GoLang`
- `SQL` - MySQL, PostgreSQL
- `JavaScript` - jQuery, Mootools
- `Versioning` - Git
- `Package Managers` - Composer, NPM
- `Tools` - Github, BitBucket, Jira, Stash, Trello, Confluence
- `Editors` - Vim, RubyMine, PhpStorm, Sublime Text, Atom

### PHP Frameworks

- `Symfony 2` - Mid-level knowledge
- `Laravel` - '>= 5.4' - Mid-level knowledge

### JavaScript Frameworks

- `ReactJS` - Mid-level knowledge

### Cloud Services

- AWS EC2
- AWS S3
- AWS Lambda

- AWS Elastic Load Balancing
- Google Cloud Storage
- Google Firebase

## Operating Systems

- macOS
- Linux - Ubuntu, CoreOS