

## JEREMY GUAN

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I am a Sydney-based software and web developer with **Seven years** industry experience. With a wide range of skills in software and web application development, I have worked in a number of different projects for a variety of clients. My specialties include open source and web technologies, such as **Perl/PHP**, **JavaScript/jQuery**, **MySQL/PostgreSQL** and **Linux**. Moreover, I am always keeping an open mind and eager to learn new technologies to enhance my career and professional growth.

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### TECHNICAL OVERVIEW

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<b>Languages</b>	Perl (5+ yrs)	PHP (2 yrs)	JavaScript (5+ yrs)	
<b>Databases</b>	MySQL (5+ yrs)	PostgreSQL (2 yr)	SQL Server (1 yr)	
<b>Web</b>	HTML/CSS (10+ yrs)	HTML5/CSS3 (2 yr)	jQuery (5+ yrs)	ExtJs (1 yr)
	Bootstrap (2 yrs)	Google Charts (1 yr)		
<b>Tools</b>	Apache (5+ yrs)	Subversion (5+ yrs)	Git (1 yr)	Vim (5+ yrs)
<b>CPAN Modules</b>	POE (1 yr)	HTML::Mason (1 yr)	Template Toolkit (5+ yrs)	
	Class::DBI (5+ yrs)	DBIx::Class (1 yr)	Test::WWW::Selenium (2 yrs)	
<b>Frameworks</b>	Catalyst (5+ yrs)	CodeIgniter (2 yrs)		

Numbers in parentheses denote years of experience

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### WORK EXPERIENCE

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*November 2011 – November 2013*

**Software and Web Developer** at Hutchinson Software Pty Ltd (<http://hutchinsonsoftware.com>), full-time.

- Designed and developed web applications with **CodeIgniter** MVC framework and **MySQL**
- Designed and implemented web user interfaces using various front end technologies including **JavaScript/jQuery/HTML/CSS/Bootstrap**
- Maintained and supported legacy **PHP** web application and **MySQL**
- Modified and enhanced on-going **Catalyst** web applications and **MySQL**
- Implemented new requirements and fixed bugs in **Mason** web application driven by **PostgreSQL**
- Built **REST API** in PHP to interact with Windows client application
- Generated complex Excel reports with **PHPExcel** library
- Created automation test scripts in Perl and PHP to perform model tests and front end tests with **Selenium**
- Added new features to rich Internet application using **ExtJs**
- Ported legacy CGI::Application web application with Microsoft Access database to **CodeIgniter** with **MySQL**
- Migrated company website to **Joomla** CMS with custom template
- Used **Carton** to manage Perl modules dependencies of Catalyst application to simplify installation process
- Installed and configured **Nagios** for automated system monitoring and alerts

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***October 2006 – October 2011***

**Software Systems Developer** at dbNet Pty Ltd (<http://dbnet.com.au>), full-time.

- Designed and developed web applications with **Catalyst** MVC framework and **MySQL/PostgreSQL** including school zone alert management system, financial management and billing system, data visualisation system for wireless sensor devices, and medical account management system
- Customised and enhanced web user interfaces using **JavaScript/jQuery/HTML/CSS/Google Charts**
- Used **POE** and other CPAN modules at back end to create Perl scripts and modules to support web applicants
- Maintained and supported on-going web applications and databases
- Installed, configured and administered **openSUSE** Linux, **Apache**, and **MySQL**

***July 2001 – October 2003***

**Webmaster** at MyDrivers.com (<http://www.mydrivers.com>), full-time.

- Administered and maintained the high-traffic primary website and mirror sites

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**EDUCATION**

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Master of Computer Studies with **Distinction**, University of Wollongong, December 2005

Bachelor of Civil Engineering, ZhengZhou University (China), July 2001

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**CERTIFICATIONS**

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- Sun Certified Programmer for the Java 2 Platform, 2006
- Microsoft Certified Database Administrator, 2002
- Microsoft Certified System Engineer, 2002