

JEREMY GUAN

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I am a Sydney-based software and web developer with five 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/Python/Ruby, JavaScript/jQuery, MySQL/PostgreSQL and Linux. Moreover, I always keep an open mind and am eager to learn new technologies to enhance my career and professional growth.

TECHNICAL OVERVIEW

| | | | | |
|-------------------|--------------------|--------------------|-------------------|-----------------|
| Languages | Perl (5 yrs) | PHP (1 yr) | Python (<1 yr)* | Ruby (<1 yr)* |
| | Java (2 yrs) | C (1 yr) | C++ (2 yrs) | C# (1 yr) |
| | JavaScript (4 yrs) | | | |
| Databases | MySQL (4 yrs) | PostgreSQL (1 yr) | SQL Server (1 yr) | Oracle (1 yr) |
| Frameworks | Catalyst (5 yrs) | ASP.NET (1 yr) | Rails (<1 yr)* | Django (<1 yr)* |
| Web | HTML/CSS (10+ yrs) | HTML5/CSS3 (1 yr)* | jQuery (4 yrs) | |
| Tools | Apache (5 yrs) | Subversion (5 yrs) | Git (<1 yr)* | Vim (5 yrs) |

* Learning in progress

WORK EXPERIENCE

October 2006 – Current

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

At dbNet, I have played significant roles in the following major Projects and/or Clients:

- **NSW Govt: Roads & Traffic Authority (February 2011 – Current)**
 - Designed and developed web-based School Zone Alert System (SZAS) management application
 - Technology/Application used:
 - Linux – openSUSE
 - Apache / mod_perl
 - PostgreSQL
 - Perl / POE / Catalyst / Template Toolkit / Class::DBI
 - JavaScript / jQuery
 - HTML/XHTML / CSS
- **ADmira (January 2010 – October 2010)**
 - Designed and developed web-based Active Directory management system (<http://dbnet.com.au/ADmira/>)
 - Technology / Applications used:
 - Windows Servers / IIS
 - C# / ASP.NET
 - JavaScript / jQuery

- jqTouch / iWebkit
- HTML5
- **Wireless Sensors Australia (January 2009 – April 2009)**
 - Developer for “Lifeguard” data visualisation web application (<http://dbnet.com.au:82/lifeguard/home>)
 - Technology / Applications used:
 - Linux / Apache
 - Perl / Catalyst
 - JavaScript / jQuery / Ajax
 - Google Chart Tools
 - MODBUS Protocol
 - Spinwave A3 and Energy Management Wireless Sensor family
- **MF Global Australia Pty Ltd (August 2007 – Current)**
 - Designed and developed commercial website with both client facing and back-office billing functionality (<https://my.mfglobal.com.au/>)
 - Technology / Applications used:
 - Linux – openSUSE
 - MySQL
 - Perl / Catalyst
 - HTML / XHTML / CSS
 - Javascript / JQuery
 - SOAP/XML
- **NSW Govt: Office of the Director of Public Prosecutions (NSW) (May 2007)**
 - Technology/Application used:
 - Objective CMS / ISYS Search Engine
 - Visual Studio C++
 - Perl / CPAN modules
 - HTML /XHTML / CSS / JavaScript
- **NSW Govt: Dust Diseases Board (October 2006 – May 2007, currently on Maintenance Contract)**
 - Technology / Applications used:
 - Linux – openSUSE
 - Perl / Catalyst
 - Subversion
 - T-SQL with MS SQL Sever 2005
 - WebDav and VBA for MS Word and web application integration

July 2001 – October 2003

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

The responsibilities are to administered and maintained the high-traffic primary website and mirror sites.

EDUCATION

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

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

CERTIFICATIONS

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

REFEREES

Available upon request