

# MATTHEW SENG

## FULL STACK DEVELOPER

---

Nationality: Singaporean  
Email: [matthewseng@gmail.com](mailto:matthewseng@gmail.com)  
Website: <http://matthewseng.com/>  
Hobbies: Programming, Technological news, Self-improvement books, Coffee, Music, Movies



Passionate full stack developer with 5 years' experience specializing in C# ASP.NET web development. Very experienced in refactoring large legacy projects to improve code quality and performance. A self-motivator and a fast learner who thrives on challenge and change. Takes pride in delivering quality work and ensuring every change is a step forward.

---

### TECHNICAL PROFICIENCIES

---

Technologies: ASP.NET 2.0/3.5/4.0/4.5, MVC 3/4, Web API, C#, LINQ, T-SQL, SQL, jQuery, JavaScript, HTML 4/5, CSS 2/3, Ajax, WCF API Restful Web Service, Windows Forms, Entity Framework, LINQ to SQL, ADO.NET, XML, Java, ASP, VBScript

Concepts: SCRUM, CI, TDD, EF Code First, DIP, IoC, DI, SOA, RAD, OOAD, OOP, XP

APIs / Components: Facebook API, Twitter API, Telerik Controls, Twitter Bootstrap, Ratchet, Knockout, JayData, CsQuery, HTML Agility Pack, Autofac, ELMAH, Moq, xUnit, NUnit, NLog, Ajax Control Toolkit, Mandrill, EmailArchitect, MiniProfiler, Glimpse, Excel Interop, CarlosAg Excel Xml Writer, Open XML SDK, ClosedXML, NPOI, EPPlus, Microsoft Chart Controls

Software: Visual Studio 2005/2008/2010/2012, SQL Server 2005/2008 R2/2012, PowerShell, MySQL, Windows Server 2003/2008, IIS 6/7, Windows Active Directory, Fiddler, CruiseControl.NET, SoapUI, hMailServer, Redmine, Drupal 7, Wordpress, Macromedia Fireworks, Microsoft Office 2003/2007/2010

Major Applications: Offline Mobile App with Synchronization capabilities, Web Scraper, Rest Web API, Rewards Redemption, Business Report & Chart, File Sharing, Email Newsletter Broadcast (with Tracking), SMS Broadcast, Flash to HTML5, Lucky Draw, EDI over FTPS, Financial Report, Multithreaded Windows, Windows Service, Inventory Management (with barcode)

## PROFESSIONAL HISTORY

---

Innexus Consulting, Singapore

**Project Director** (Oct 2013 to Present)

- Revamp company site ([innexus.com](http://innexus.com)) to a responsive site with globalization support during my free time
- Setup Active Directory Server to centralize employees login
- Setup Continuous Integration Server ([CruiseControl.NET](http://CruiseControl.NET)) to prevent builds from breaking
- Setup Issue Tracking System ([Redmine](http://Redmine)) and formalize development process
- Conduct interview for Software Engineers and create technical test
- Create project proposal (Including Gebiz government projects)
- Mentor or assist project members
- Oversee and supervise projects to ensure projects are delivered in a timely manner
- Approve solution and technology, and explore new technologies in the market

Maloft Pte Ltd, Singapore

**Software Solutions Engineer** (Apr 2013 to Sep 2013)

- Agile Software Development (SCRUM)
- Continuous Integration (CI)
- Test Driven Development
- Web API
- Web Scraping
- .NET 4.5 HttpClient Asynchronous Programming
- Entity Framework Code First

Innexus Consulting, Singapore

**Senior Software Engineer** (Jan 2012 to Mar 2013)

**Software Engineer** (Jan 2010 to Dec 2011)

- Handle multiple projects on hand, with heavy involvement throughout more than 10 projects
- Perform database optimization using indexes, increased performance by more than 50%
- Document and provide UAT support
- Document user, support and technical system guides
- Research coding and database concerns to resolve non-functional applications issues
- Collaborate with support team to perform necessary troubleshooting and resolutions for systems
- Conducted overseas training in Suzhou, China office to personnel regarding systems and code practice
- Analyze change requests and perform effort estimation
- Create project proposals and system architectural designs
- Mentor to 6 other software engineers
- Assigned ticket requests to, and assisted 6 other software engineers in daily duties

### **Noteworthy project:**

Authenticated Rewards – Hewlett Packard (HP)

Designed, implemented and maintained rewards redemption program used in APJ, AMS and EMEA regions, with more than 1 million registered users. Robustness of the Authenticated Rewards system led to 7 other new projects leveraging on the platform.

- Consist of customer, administrative and customer support modules built based on a multi-tiered web application
- Supports globalization, workflows, templates and reporting features

## PROFESSIONAL DEVELOPMENT

---

### **Certification: Certified ScrumMaster**

Awarded by Scrum Alliance on Aug 2014

Certified ScrumMaster (Member ID: [000347294](#))

### **Certification: Programming in HTML5 with JavaScript and CSS3**

Awarded by Microsoft on Feb 2013

Microsoft Certified Professional (MCP ID: 9751711)

[Validate](#) by entering Transcript ID: 1138118, Access Code: matthewseng

### **Certification: NICF – Project Management for Information Systems**

Awarded by National University of Singapore (Institute of Systems Science) on Sep 2012

### **Certification: Power Searching with Google**

Awarded by Google on Oct 2012

### **Bachelor of Information Technology – Computing**

Awarded by University of Wollongong (Australia) on Jun 2012

- Completed on a part-time basis
- Completed 3 years course in 1 year

### **Diploma in Information Technology - Electronic Commerce Technology**

Awarded by Temasek Polytechnic (Singapore) on May 2007

- Graduated with Merit (GPA: 3.67 / 4)
- Admission into Director's List of Top Students 04/05 and 05/06
- Awarded with:
  - AVAYA Singapore Prize
  - Frontline Solutions Prize
  - IDA Singapore Course Silver Medal
  - Oracle Corporation Singapore Prize
  - SQL View Prize

### **GCE 'O' Level**

Awarded by Hai Sing Catholic School on Dec 2003

- Attained distinction in Combined Humanities, Combined Science, Food & Nutrition, Principles of Accounts and credits in English, Mathematics and Chinese
- Awarded Top 5 % Edusave Scholarship from secondary 2 to 5
- Awarded GCE 'N' Level overall best performance