

# WEB301 – 2-Day Developing and Deploying Web Apps using Amazon Web Services (AWS) and Node.js



## Topics

### *Amazon Web Services (AWS)*

- Introduction to Amazon Web Services (AWS)
- Getting started with Amazon Elastic Compute Cloud (EC2)
- Starting an EC2 Linux AMI Instance
- Applying for Elastic IPs
- Installing PHP, MySQL, Node.js, and NPM on an EC2 Instance
- Creating and duplicating EC2 AMI images
- Load Balancing for EC2 Instances
- Using Amazon Simple Storage Service (S3)
- Using Relational Database Service (RDS)

### *Node.js*

- Introduction to Node.js
- Using Modules
- Publishing Modules
- Creating a Web Server
- Using the EventEmitter class
- Using Node.js with MySQL
- Developing a REST services using Node.js

### *Projects*



## Prerequisites

- Knowledge of basic programming and object-oriented programming concepts

## Hardware

- Mac / Windows laptop

## Software

- To be provided



## About Wei-Meng Lee



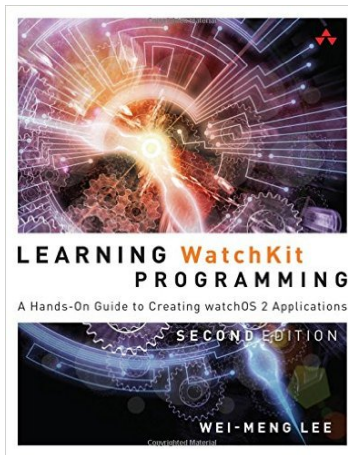
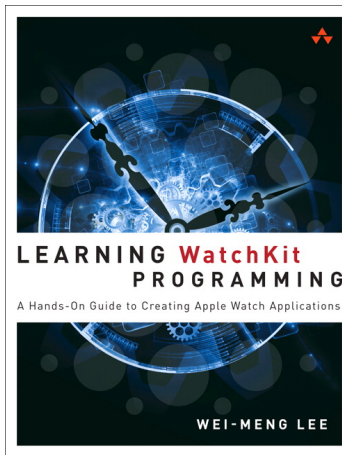
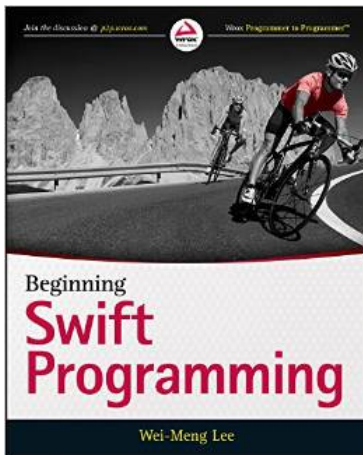
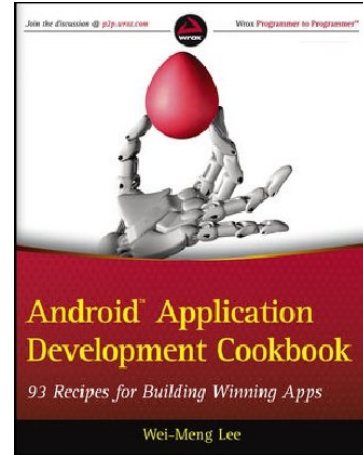
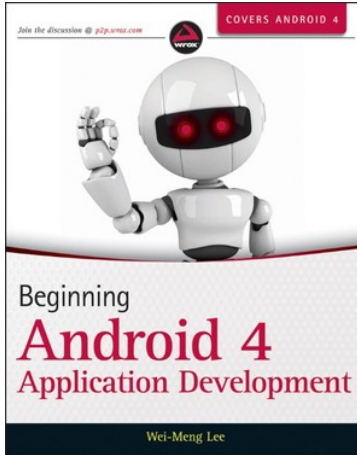
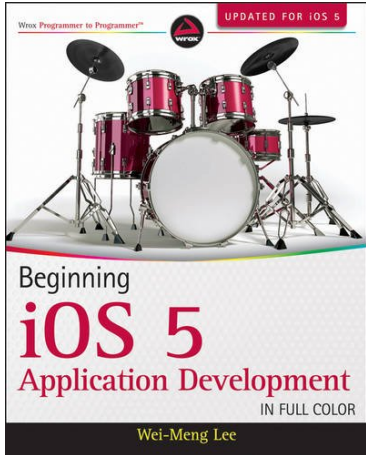
Wei-Meng Lee is a technologist and founder of Developer Learning Solutions (<http://www.learn2develop.net>), a technology company specializing in hands-on training on the latest mobile technologies. Wei-Meng has many years of training experiences and his training courses place special emphasis on the learning-by-doing approach. His hands-on approach to learning programming makes understanding the subject much easier than reading books, tutorials, and documentations. His name regularly appears in online and print publications such as DevX.com, MobiForge.com, and CoDe Magazine.

## Some of Our Clients

- Agency for Science, Technology and Research (A-STAR)
- Apple Singapore
- AXS Pte Ltd
- Centre for Strategic Infocomm Technologies
- Inland Revenue Authority of Singapore (IRAS)
- Institute of Technical Education
- KPMG
- Microsoft Singapore
- Ministry of Defense
- Nanyang Polytechnic
- Nanyang Technological University (NTU)
- National University of Singapore (NUS)
- NCS Pte. Ltd.
- Ngee Ann Polytechnic
- Republic Polytechnic
- SAP
- SBS Transit
- Singapore Management University (SMU)
- Singapore Polytechnic
- Singapore Pools
- Singapore Press Holdings
- Temasek Polytechnic
- Walt Disney
- United States (US) Army



## Books by Wei-Meng Lee





## Course Application Form

Please email a signed copy to [weimenglee@learn2develop.net](mailto:weimenglee@learn2develop.net)

### Billing Information

Name			
Designation			
Company			
Mailing Address			
Office Tel	Mobile	Fax	
Email			

Course Title: \_\_\_\_\_ Date: \_\_\_\_\_

Participant Information	Amount
Name: Email:	S\$
Name: Email:	S\$
<b>Grand Total S\$</b>	

### Important Note

- Developer Learning Solutions reserves the right to cancel or reschedule the course.
- You can withdraw from the course provided you inform us **one (1) month** in advance before the commencement of the class. There will be no refund after this period and the full course fee will be billed.
- No-show policy: If a participant did not turn up for the course he signed up for, he will be billed 100% of the course fee.

I understand that participants have to bring their notebook computer for the course (for iOS related courses, the notebook must be a Mac).

\_\_\_\_\_  
Authorized Signature & Company Stamp

\_\_\_\_\_  
Name & Designation

\_\_\_\_\_  
Date