Yih-Ming Shin

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Summary

An experienced software engineer explored all parts of software development, especially focus on back-end system. Experienced various roles in the software development process(SDLC) and Software Testing Life Cycle(STLC).

Experience

Language - Python, Java, PHP, shell command, C

Web - HTML5, CSS3, Javascript(ES6)

RDBMS - MYSQL, Maria DB, Oracle DB, SQL Server(T-SQL)

Cloud Service - AWS(EC2, S3, DynamoDB, Lambda, Athena, Boto3), GCP(BigQuery)

Control Version System - CVS, SubVersion, Git(Github, GitLab)

Networking - TCP/IP, DICOM, OAuth2.0, OpenSSL

Testing - Function Testing, Performance Testing, End-to-end Testing, Regression Testing, Automating Scripts

Others - RSA, Base64, Postman, Jira, VMware, JSON, XML, AJAX, SOAP, Linux

Soft Skills and Concepts

Problem-Solving, Critical Thinking, Fast Learner, Coordination, Team work, Scrum Practice, Agile Practice under SAFe workflow pattern.

Work History - Taipei, Taiwan

11/2019 – 12/2023
Innova Solutions Taiwan, LTD.

07/2021 ~ 12/2023 - serverless solution in AWS, QE, Agile practice under SAFe org. (Change Healthcare and Optum)
- automate regression test (Python scripts), explore testing (manually)
- test strategy making, test cases design, and test report creation ensure quality of new features and post-release patching

11/2019 ~ 07/2021 - legacy web payment system, QE, Scrum practice
- QA lead - planning and testing projects.
- MS SQL Server (SQL, stored procedure scripts)
- function test, sanity test, regression test, and end-to-end test
- manual testing - web-based applications

04/2016 – 07/2019 bOMDIC Inc.	• assist SBIR project - revamp website (PHP with Yii framework) • build up a BVT automation test framework for system regression validation (Python) • implement algorithms into C code (SDK for mobile app) • refactor the existing system codes under zero-documentation constraint (Python)
09/2013 – 04/2016 Freelancer	• build up Points Reward System (html, css, javascript, jQuery, PHP Smarty, MySQL)
06/2011 – 09/2013 Gmobi Inc.	• Billing Gateway System - maintenance and business logic development (Tomcat + Servlets) • implement OAuth2.0 protocol for internal systems' use (gateway application) • Experimental Retail System (Tomcat, Spring)
07/2010 – 05/2011 Agenda Inc.	• POS System Revamping Project (from C to Java Socket based system) • iPhone App Development (iOS3, Objective-C)
09/2008 – 01/2010 TEDPC Inc. MEDINCOM Inc.	• RD for the radiology imaging display system (Borland C++) • being coordinator/product manager in hospitals and department policy planning • mammography digital imaging system display support in IHE-J connectathon • implement XDM Mechanism into the radiology imaging display system
05/2007 – 08/2008 MDS Inc.	TI IT Development Support (Java, Perl) • Work-In-Process management system • Auto Symbol Download System • Manufacturing Operation Surveillance Assistant reporting system • build up eGate Pass Management System • fan-in E-ECN System from other facility • BI_Tracking Form Workflow System • fan-in Calibration System from other facility
08/2006 – 04/2007 Soetek Inc.	• Timesheet System(Java struts 1.x, Oracle DB) • Netweaver Platform and Web Dynpro Framework (SAP)
10/2004 – 07/2006 Symbio Inc.	• Embedded System Study (SBC-2410) • Design reporting system for the TaiPower Billing System • DCTCRM system (Tomcat, Java Struts, Crystal Report) • EBT IT Development Support (ASP) • BSRM – BrightStor Resource Management