

Liam Li

Full Stack Software Engineer

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Summary

Certified AWS associate Solutions Architect, Developer.

Qualified and experienced full stack developer with local and overseas working experience. I am well-versed in developing web application, embedded system, web service from working experience and studying and I am experienced software development, debugging and testing. I have expertise in data structure, algorithms and data analysis which are also recognized by the former employers.

Skills

IT Skills	Back-end Skills: .NET MVC, .Net Core, C#, C, C++, SQL Server, MongoDB, Report/Email Service, RESTful Web Service/API, WCF, WPF, LINQ, EF Front-end Skills: JavaScript(jQuery, Angular, TypeScript), HTML, CSS, Bower, Bootstrap Embedded System Skills: Assembly and Linux from work experience and studying Test Skills: Unit Test, Manual and Automation Testing Skills, Selenium Others: AWS, Linux, Data Analyses Skills using Weka and R
Project Skills	Agile, Scrum, SDLC and Change Management, Source Control (Git, SVN)
Telecommunication Skills	Telecommunications principle and different generations of technologies Installation, maintenance and trouble-shooting of telecommunications equipment,
Customers Service Skills	Empathy, patience and consistency; adaptability; sense of humor

Education

Postgraduate Diploma	July 2016 – July 2017	PGD in Computing
	Department of Computing	Unitec Institute of Technology
	Web Application Development, Agile & Lean Software Delivery, Network Programming, Data Mining and Industry Applications, Machine Learning and Information Processing	
Master of Science	September 2011 - July 2014	Control Theory & Control Engineering
	School of Information Engineering	Nanchang University
	C++ Programming, Principles of GPS and Application, Computer Controlling System, Design of Embedded System, Sensor Technology & Application, Advanced Mathematics	
Bachelor of Science	September 2007 - July 2011	Automation
	School of Information Engineering	Nanchang University
	C Language Programming, Data Structure, Electric Circuit, Smart Control Technology	
	PC principles and Port Technology (Assembly), Electronic and PLC control	

Work Experience

◆ Trackit Limited	Software Developer
April 2017 – May 2019	Auckland, New Zealand

Responsibilities:

Software Development:	Developing new web application features, services and Web API Updating Database items and their relative data operation code Testing new features and existing features/ changes.
Project Management:	Product release, Project workflow tracking with Jira.
Maintenance & Support:	Existing project's issues fixing and performance improving Dealing with team members and customers' technical issues.

Projects:	Subscription Package & Feature Management Checklist & Driver Behavior Management
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Reporting Service
Car Pooling System
NZTA Vehicle Profile Processing Service
Logistic Consignment Solution: Customized Job/ Docket Processor & Viewer
Asset Maintenance & Management

Technologies: C#, .Net 4, Generics, WPF, SQL Server, HTML, CSS, JavaScript, jQuery, SVN, JIRA, Web Service/ API, WCF, Report Service, WebPack, Exceptions Management, Async and multi-threaded applications, GPS.

◆ Ed.Collective **Database Developer, Contract**
January 2017 – March 2017 Auckland, New Zealand

Responsibilities: As the independent developer and data analyst of Ed.Collective data review project. I'm in charge of the technical design and working as SQL Server database developer to implement this project. I am pushing the data storage method shifting from Access to SQL Server along with data analyses project and making future working process more efficient to operate with standard coding and infrastructures including UDF, stored procedure and data import & process T-SQL script.

Projects: Data Population Project

Technologies: SQL Server, T-SQL, Stored Procedure, Dynamic SQL, SSMS

◆ ZTE Global Telecommunication Corporation **Software Developer**
July 2014 – June 2015 Beijing, China

Responsibilities: Business Analyses for Automatic Switch Optical network software system; software development and unit test matching new features; system issues tracking and processing; development of command line code for site engineer; system debug with testers and developers from different sections of the system.

Projects: Wavelength Division Multiplexing Automatic Switch Optical Network for Intelligent OTN

Technologies: Embedded System, C/C++ language, Java, Scrum Development, Unit Test, Integration Test

◆ Nanchang University **Project Manager**
June 2012 – May 2014 Nanchang, Jiangxi, China

Responsibilities: Software system design, development and testing; on site telecommunication cable and fiber wiring, fiber fusion, network environment build and configuration, plan and schedule making of project implementation; business analyses with information collected from factory manager; technical feasibility check; training courses delivery for new staffs or system users.

Projects: Silkworm Egg Incubation Monitoring System

Hospital miniature laboratory information management system (LIS)

Andon System for Automobile Workshop & Remote Energy Monitoring System

Lincomycin Fermentation Process Parameters Monitoring System

Manufacturing Information System (A4 Production Line)

Maintenance and Upgrade for Temperature Control System of Large Trolley Resistance Furnace

Technologies: SQL Server DB, Delphi, Site Management, CRM, ERP

Interests

In my spare time, I volunteer in events and catch up friends by great walk, scuba diving, marathon, road trips.

Reference

Available on request.

More detailed information can be found on LinkedIn: <https://nz.linkedin.com/in/liamli2014>