

Steven Lai

Senior Software Engineer | .NET Backend Development

New Taipei City, Taiwan | Currently Employed | Open to Taipei, New Taipei, and Remote Opportunities

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Professional Summary

Senior software engineer with more than 14 years of experience in .NET application development and maintenance since 2010. Primary technologies include C#, .NET 6.0, ASP.NET Core MVC, ASP.NET Core Web API, EF Core, MySQL, JavaScript, and jQuery. Experience includes requirements analysis, system design, feature development, testing, deployment, production support, legacy-system modernization, automated testing, Docker, Azure Pipelines, and work with Kubernetes and GCP deployment environments.

Core Technologies

Backend	C#, .NET 6.0, ASP.NET Core MVC, ASP.NET Core Web API, ASP.NET MVC 5, ASP.NET Web API
Data	EF Core, Entity Framework 6, Dapper, MySQL, Microsoft SQL Server, Redis
Frontend	JavaScript, jQuery, Vue.js
Testing	Unit testing, integration testing, MSTest, xUnit, Postman, Swagger, ReDoc, k6
DevOps / Cloud	Azure DevOps, Azure Pipelines, Docker, Kubernetes, GCP, GitOps
AI-assisted	Codex, Claude Code

Professional Experience

Meco Technology Co., Ltd. / Motuslink Technology Co., Ltd.

Senior Software Engineer | June 2025 - Present

Transferred from Meco Technology to the newly established Motuslink Technology in October 2025.

Motuslink Technology | October 2025 - Present

- Analyze requirements and design, develop, and maintain a back-office system for physical therapy clinics using .NET 6.0, ASP.NET Core MVC, ASP.NET Core Web API, EF Core, MySQL, JavaScript, and jQuery.
- Write unit and integration tests and troubleshoot production issues.
- Planned, validated, and coordinated a 2026 GCP project migration covering GKE, Cloud Build, and Cloud SQL.
- Use Codex and Claude Code for selected new features; all changes are reviewed manually and verified before commit.

Meco Technology | June 2025 - September 2025

- Independently completed multilingual and time-zone conversion features using .resx resources, database translation data, frontend i18n, and API-level time-zone conversion.

LION TECHNOLOGY CO., LTD.

Backend Engineer | June 2024 - March 2025

- Helped the internal IT team resolve deployment failures, create Azure DevOps Git repositories, and configure repository permissions.
- Updated GitOps configuration, validated deployments, investigated issues, and supported two colleagues with implementation choices and technical direction.

Techno Medica Co., Ltd.

Full-Stack Engineer | April 2024 - May 2024

- Worked on a reception queue system for medical testing services built with WPF and ASP.NET Core MVC and handled client-side installation and troubleshooting.
- Independently revised an EF Core query and reduced execution time from approximately 180 seconds to 7 seconds under the same conditions.

COTTON FIELD ORGANIC CO., LTD.

Backend Engineer | December 2023 - March 2024

- Investigated POS data anomalies and developed new member API functionality with .NET 6.0, ASP.NET Core Web API, and ASP.NET Core MVC.

Sinyi Realty Inc.

Senior Software Engineer | May 2022 - September 2023

- Independently handled a production electronic-signature API from requirements analysis and planning through development, deployment, and maintenance.
- Used .NET 6, Dapper, AutoMapper, FluentValidation, MySQL, Spire.Doc, and Spire.PDF for document generation, electronic signatures, Word-to-PDF conversion, PDF processing, and downloads.
- Built MSTest and Postman automation, maintained Swagger/ReDoc documentation, ran k6 load tests, configured Azure Pipelines, and worked with existing Kubernetes and Cloud Run deployment environments.
- Developed an internal Visual Studio VSIX template to standardize .NET Core API project structure.

UNITED RECOMMEND CO., LTD.

E-commerce Platform Engineer | December 2020 - May 2022

- Developed and maintained customer-facing shopping sites and internal administration systems.
- Delivered a Christmas campaign website and a new brand website using ASP.NET MVC, Dapper, Microsoft SQL Server, Vue.js, and Redis.

Sinyi Realty Inc.

Software Engineer | April 2016 - August 2020

- Rebuilt an external ASP.NET Web Forms system as an ASP.NET MVC and Web API application and rewrote legacy VBScript functions as .NET Framework console applications.
- Mentored new hires and interns and assisted other engineers with development issues.

LION TECHNOLOGY CO., LTD.

Backend Engineer | January 2013 - January 2016

- Developed and maintained travel-booking frontend and administration functions and integrated with a booking-center API.

Personal Lab and Technical Practice

Personal lab work with Docker, Kubernetes, Helm, Argo CD, Harbor, Gateway API, HTTPRoute, cert-manager, GitOps, and CI/CD. Hands-on topics include Deployments, Services, ConfigMaps, Secrets, probes, Rollouts, Gateway routing, and deployment troubleshooting.

Education and Languages

Chihlee University of Technology - Bachelor's Degree in Information Management | **Takming University of Science and Technology** - Associate Degree in Information Management

Mandarin Chinese: Native | Taiwanese Hokkien: Intermediate | English: Basic

Earlier experience includes ASP.NET Web Forms, Classic ASP, VB.NET, and government land-administration systems.