

Yu-Hsiang (Sam) Chiu

Senior Frontend Engineer

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SUMMARY

Results-driven Frontend Engineer and former Systems Analyst with 6+ years of experience architecting and building scalable web applications and enterprise systems. Proven track record of independently leading cross-functional delivery—including building a 0-to-1 global EDM SaaS platform serving 100+ users across AMER, APAC, and EMEA. Proficient in Vue 3, TypeScript, Node.js, and AWS.

PROFESSIONAL EXPERIENCE

Software Engineer

ConSem ICT Inc. 🌐

Feb 2025 – Present
Taipei City, Taiwan

- **Acted as PO, Frontend SA, and Tech Lead** to drive the 0-to-1 frontend delivery of a global enterprise platform within 6 months—establishing an AI-driven workflow (Gemini/Cursor) and modular architecture to seamlessly onboard 100+ users across AMER, APAC, and EMEA.
- **Co-designed RESTful API specifications and database schemas** with backend engineers to ensure end-to-end data integrity and seamless frontend-backend integration.
- **Led product planning and UI/UX design** spanning 54 countries, translating complex business needs into 130+ UI flows, 70+ user stories, and technical acceptance criteria.
- **Conducted requirements analysis and system design** for enterprise EDM and CMS platforms, defining maintainable technical solutions across Node.js, ASP.NET Core, and Vanilla JS.

Frontend Developer

NUEIP Technology Co., Ltd. 🌐

Aug 2022 – Aug 2024
Taipei City, Taiwan

- **Architected reusable Vue 3/Element UI components** and established enterprise-wide UI Design System & interactive API documentation to ensure cross-product consistency.
- **Built a Jest testing framework from scratch**, authoring 100+ unit test suites for core UI components to ensure code reliability and prevent regressions.
- **Streamlined code integration & quality control** by managing PR merge queues, resolving complex developer code conflicts, and fixing SonarQube vulnerabilities during deployments.

Project Engineer

Acer Inc. 🌐

May 2020 – Dec 2021
Taipei City, Taiwan

- **Implemented web performance monitoring & alerting** using Node.js and New Relic to ensure high availability across global official websites.
- **Optimized edge network & caching strategies** by managing CDN redirects and caching rules in Akamai, reducing latency for international users.
- **Executed large-scale data cleansing & analytics**, processing tens of millions of records within a global customer database to ensure data accuracy.
- **Provided cross-border IT technical support**, collaborating in English with overseas teams and vendors to resolve 40+ high-priority global requests weekly.

Junior Software Engineer

ConSem ICT Inc. 🌐

Sep 2019 – May 2020
Taipei City, Taiwan

- **Engineered automated E2E testing suites** using Selenium and authored robust test scripts during on-site deployment at Acer to validate web application workflows.

- **Executed comprehensive API testing** across SOAP and RESTful APIs to ensure data consistency, endpoint security, and seamless integration.
- **Conducted system performance & load testing** using Apache JMeter to identify infrastructure bottlenecks under heavy traffic and managed integration test cases via standardized test documentation.

INTENSIVE TRAINING

Full Stack & Node.js Training

HexSchool Node.js Enterprise Program

Mar 2023 – Jun 2023
Taipei City, Taiwan

- **Engineered a PWA-enabled full-stack web application** using Node.js, Express, and MongoDB, leveraging Service Workers and RESTful APIs across 8+ dynamic pages to ensure offline reliability.
- **Designed 18+ high-fidelity UI/UX mockups** using Figma, optimizing touchscreen interactions and tablet user experience for restaurant POS operations.
- **Led technical pitch & architecture presentation**, effectively communicating system design, database schemas, and key product features to technical reviewers.

UI/UX Design / Frontend Development Bootcamp

Institute for Information Industry

Feb 2019 – Aug 2019
Taoyuan City, Taiwan

- **Completed a 600+ hour full-time immersive bootcamp**, establishing a rigorous foundation in full-stack web development and software engineering principles.
- **Developed responsive web applications** utilizing HTML5, CSS3, JavaScript (ES6+), PHP, and MySQL database architecture.
- **Designed user-centered UI/UX prototypes** and wireframes using Adobe Creative Suite and Figma to map out seamless user journeys.

EDUCATION

Bachelor of Agribusiness Management

National Pingtung University of Science and Technology

Sep 2013 – Jun 2017
Pingtung City, Taiwan

SKILLS

Languages & Core

TypeScript, JavaScript (ES6+), HTML5, CSS3, Sass/SCSS

Backend & Cloud

Node.js, Express, RESTful API Design, MongoDB, MySQL, PostgreSQL, AWS (S3, ECS, Amplify, Lambda), Docker, CI/CD

Frontend Ecosystem

Vue 3/Vue 2, Nuxt.js, Vite, Tailwind CSS, Pinia, Vue Router, Element UI, Vuetify, Bootstrap, PWA, Jest, Vitest

Methodologies & Tools

Agile/Scrum, Product Planning, User Stories & Acceptance Criteria, UI/UX Design (Figma), Git, AI-Driven Workflows (Gemini, Claude Code)

CERTIFICATES

TOEIC Listening & Reading

Golden Certificate (870/990)

JLPT

JLPT N3 / CEFR B1 equivalent