Eliot Su 蘇祥育

Full-stack Engineer

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Full-stack engineer focused on internal enterprise systems, workflow digitization and cross-system integration. At MasterPiece I own web systems end to end and integrate Digiwin TIPTOP ERP and Smart Logistics WMS. Outside work I run two live sites, WorkSuan and Weekend Island, and build LLM tools; Paper Radar reached 96.9% recall on held-out Cochrane reviews. A background in healthcare administration and manufacturing gives me working knowledge of real operations.

EXPERIENCE

Full-stack Engineer — MasterPiece (金全益股份有限公司) — Nov 2023 – Present

- Own internal web systems end to end: requirements, database design, development and production support.
- Built multi-level approval systems in Next.js / React: role-based access, delegation, SLAs, email notifications, PDF export, audit history.
- Replaced manual and Excel workflows (quality incidents, sample development, purchasing and work orders) with web systems, iterating with each department.
- Integrated Digiwin TIPTOP / TTOP ERP (Oracle) via SQL Server OPENQUERY, CTEs and temp tables; built reports on delivery dates, supplier on-time rate, capacity and maintenance.
- Built internal tools and reports in ASP.NET Web Forms / VB.NET for purchasing, work orders, receiving, returns and inventory.
- Supported the Digiwin WMS integration: traced work-order receipts and ERP write-backs, reconciled Oracle, SQL Server and MySQL, and debugged from API logs through the Java adapter and JDBC pool.

Volunteer, Website Update Team — GuangFu Hero relief platform — Sep 2025 – Oct 2025

- Front-end features for a 2025 Hualien flood relief site; 120K users in 28 days, 9,000+ volunteers matched.

Front-end Engineering Bootcamp — iSpan International (資展國際) — May 2023 – Oct 2023

- Built the full-stack store ShiYueGuo (React, Node.js, MySQL, PayPal); led a team through a full-stack project.

Assistant — Lead Yu Industry Co., Ltd. — Apr 2021 – May 2023

- Coordinated materials, equipment and staffing for printing projects with suppliers and the team.

Medical Laboratory Assistant — Changhua Christian Hospital — Apr 2019 – Jan 2020

- Managed research projects and outsourced lab testing; organised meetings and wrote minutes.

SELECTED PROJECTS

WorkSuan	20+ Taiwan pay and leave calculators that run in the browser; reviewed by free.com.tw. Next.js
Weekend Island	Events, places and trip planning for Taiwan and Japan with daily open-data sync. Next.js · Prisma
Paper Radar	Reads all of arXiv daily for ~$0.06 and picks the few worth reading; 96.9% recall on unseen Cochrane reviews. Python
Jev Arena	Real-time arena where fighters are written in English; PR-driven Elo ladder, exact replays. JavaScript · Node.js
Ordering system	Customer, kitchen and admin views; server-side pricing, order state machine, RBAC. Next.js · Prisma · PostgreSQL

SKILLS

Languages	TypeScript, JavaScript, Python, SQL, VB.NET, PHP
Front end	React, Next.js, Tailwind CSS, Bootstrap, responsive design
Back end	Node.js, Express, ASP.NET Web Forms, REST APIs, Flask, Laravel
Databases	SQL Server, Oracle, MySQL, PostgreSQL, Prisma
Enterprise	Digiwin TIPTOP / TTOP ERP, Digiwin Smart Logistics WMS, approval workflows, JDBC
Tooling	Git, GitHub Actions, Docker, Vitest, Render

EDUCATION

B.S. Healthcare Administration, Hungkuang University — 2014 – 2018

CERTIFICATES & LANGUAGES

11 Coursera certificates, including Meta Advanced React and React Basics, Johns Hopkins HTML, CSS, and JavaScript for Web Developers, and University of Michigan Introduction to Data Science in Python. Languages: Mandarin (native), English CEFR B1 (CSEPT Level 1).