

Pu-Hsuan Wu (Henry)

*Front-end Developer
with expertise in
Graphic and Industrial Designs*

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Profile

A well-rounded developer and mentor with 5+ years of experiences in web front-end; skilled in delivering impactful results through technical expertise and strategic planning.

Experiences

SENIOR FRONTEND ENGINEER

LEXIONLU DESIGN FIRM

AUG 2021 - APR 2025

TAIPEI, TAIWAN

- Collaborated closely with designers, clients, and Deque validation team to deliver WCAG-compliant Nuxt website for a major airline, and awarded with "Best UX of 2025" by AirlineRatings.com; by implementing pixel-perfect inclusive designs with references to W3C APG, and by conducting both automated and manual accessibility testing.
- Engineered a modern UI component library for a major bank's Vue web-view app, streamlining development and improving maintainability by leveraging Shadcn-UI library and Storybook in collaboration with design and native teams.
- Established an efficient DevOps process for website development, achieving a 90% reduction in deployment time by automating the deployment to Ubuntu with Docker and GitHub Actions, and utilizing Traefik as a reverse proxy for DNS resolutions.
- Addressed vulnerability concerns for Wagtail CMS by implementing nonce-based CSP configurations and establishing secure coding practices across all projects.

DEPUTY GENERAL MANAGER

SIAM P&W TECHNIC

MAR 2017 - MAY 2021

SAMUTPRAKARN, THAILAND

- Reduced 60% of IT operational cost by insourcing projects and by introducing best practices to cloud solutions, such as AWS, Azure AD, Exchange Online, or Cloudflare proxy, etc.
- Expanded market and increased revenue by 30% by establishing a team for the digital UV printing process from sketch, which started from factory construction, to installations and calibrations, and to the establishment of procedures, documentation, and personnel training.
- Gained 10% more profit by implementing ISO 9001 and 5S quality control systems to standardize pricing models and reduce quality loss.

Educations

National Yang Ming Chao Tung University

BACHELOR OF COMPUTER SCIENCE

2012 - 2016

GPA 3.51

Thai-Chinese International School

ACCREDITED BY WASC; AP CURRICULUM

2008 - 2012

GPA 3.56



🗣️ Chinese and English

✂️ Critical Thinking
Problem-Solving
Adaptable
Communication
Leadership
Self-Disciplined

📄 TypeScript
JavaScript
Python
React / Vue
HTML5 / CSS3
Git
npm/yarn/pnpm/
bun/deno
WCAG
Strict-CSP
Docker
Traefik

🎨 Adobe Illustrator
Adobe Indesign
Adobe Photoshop
Autodesk Fusion 360
CorelDraw

Projects

STARLUX AIRLINES WEBSITE

INCLUDING BOOKING, SEAT-SELECTION, ETC...

📅 AUG 2021 - MAY 2025

👤 FRONTEND ENGINEER

I played a role as both WCAG consultant and frontend engineer in this project. I have collaborated closely with the Duque validation team to fulfill the requirements from clients and designers to build a pixel-perfect and WCAG 2.2 AA-complied web front-end.

⚡ JavaScript, A11y / WCAG, Nuxt / Vue, TailwindCSS, NPM

FEIB NEW WEB-VIEW APP

DEVELOPED VUE UI LIBRARY

📅 MAY 2024 - MAY 2025

👤 FRONTEND ENGINEER

I have been in collaboration with multiple teams in the financial sector, where I played a role in providing a front-end UI component library for other parties to integrate into web-view mobile app.

I was responsible for the entire project, from requirements and software designs to implementations and documentations. This involved explaining and making decisions among peers and stakeholders.

⚡ Typescript, Vue 3, Shadcn-UI / Radix-UI, Tailwind 3, Storybook 8, PNPM

EVERGREEN STAFF SCHEDULING (REACT)

INTERACTIVE DATA-INTENSIVE REACT SPA

📅 JUN 2023 - APR 2024

👤 FRONTEND ENGINEER

⚡ Typescript, React 18, React Aria, TailwindCSS 3

EVERGREEN EGAT WEBSITE WITH CMS

UTILIZING DJANGO / WAGTAIL CMS

📅 MAY 2023 - APR 2025

👤 FRONTEND ENGINEER

⚡ Python, JavaScript, Tailwind, Wagtail CMS, PostgreSQL, Docker, IIS

STARLUX INFLIGHT EXPERIENCE PANORAMA

INTERACTIVE INFLIGHT TOUR

📅 FEB 2023 - OCT 2023

👤 FRONTEND ENGINEER

⚡ Nuxt2 / Vue 2, TailwindCSS 2, Three.js

FEIB PROPERTY PRICE MAP

HOOKS GOOGLE MAPS API

📅 MAR 2023 - SEP 2023

👤 FRONTEND ENGINEER

⚡ Google Maps API, JavaScript

CONSTRUCT UV-PRINT PROCESS

EXPAND FACTORY; BUILD TEAM

📅 MAR 2017 - MAR 2018

👤 MANAGER

I have faced a challenging task to set up a UV-Printing factory and team, despising that I have zero prior experience. With limited resources, I've had to manage and execute the project, leading a small team to construct a factory line from scratch.

To gain expertise in mechanical aspects, I traveled to China for training, covering machine installations, calibrations, and operations. After analyzing existing factory layouts, customer expectations, and hardware requirements, I designed, planned, sourced, scheduled, constructed, installed, calibrated, and trained a new team and factory line for the UV-Print process.

⚡ CAD, ISO 9001, Factory Setup, Team Training, Quality Control