You-Ming Yeh

Full-stack website development | Application development   Taoyuan, Taiwan

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EDUCATION

- **National Taiwan University** *July 2021-Present*

Information Management GPA: 4.12

Courses: *Web Programming, Programming Design, Data Structure and Programming, Algorithm Design and Analysis, Statistics, Operating System, Text Mining*

EXPERIENCE

- **Chunghwa Telecom Laboratories** *UI/UX, Frontend, Backend, Database, Devops*

Full Stack Developer(Part Time) Jul. 2023 - Aug. 2023
  - Independently developed a robust backend system within a month from scratch, specifically tailored for a renowned publicly-listed dining conglomerate, managed reservations across 100+ branches, handling over thousands of data entries.
  - Proactively self-learned and integrated a suite of modern and trending tools and frameworks in just few weeks, encompassing UI/UX, DevOps, and full-stack development, ensuring seamless alignment with the company's existing architecture.

- **PDOGS Judge** *Docker, GitLab CI/CD, Jenkins*

DevOps Developer Jul. 2023 - Aug. 2023
  - Initiated learning from scratch various DevOps tools such as Docker, GitLab CI/CD, Jenkins, and pipeline design.
  - Designing the Backend and the Judge Core CI/CD pipeline for PDOGS Judge

- **NTU ArtFest Riddle City Dev** *Next.js, PostgreSQL, SupaBase, Vercel*

Full-Stack Dev Feb. 2024 - Present
  - Developed a full-stack real-world, highly-customized game using Next.js, SupaBase, and PostgreSQL.
  - Cooperates with the designer and the game planner to create a game that can be played by hundreds of people in the campus.

- **Programming Design and Optimization 2023** *Website, APIs Development, Problem Setting*

System Manager and Problem Creater Jan. 2023 - May 2023
  - Developed and maintained PDAO 2023 website, showcasing the contest information, effectively serving hundreds of participants.
  - Created and connected APIs for the programming contest scoreboard and judge system, successfully supporting a user base of 200, which was previously unattainable in PDAO 2022.

WORKS

- **Portfolio Website** *Mar. 2023*

A personal portfolio website. <u>Link</u>

  - Architected and engineered the website from the ground up using React, GSAP, and Tailwind CSS, incorporating Server-Side Rendering for improved performance, which boosted the Lighthouse performance score from 81 to 96 and SEO score from 82 to 100 within a week through strategic optimization.

- **Share bill** *Feb. 2024*

A full-stack app for sharing bills. <u>Link</u>

  - Developed a full-stack bill sharing app using Next.js, SupaBase, which allows users to create and share bills with friends.
  - Utilized the innovative Next.js App router to create a seamless user experience.

- **Event Master** *Dec. 2023*

An full-stack app for event management. <u>Link</u>

  - Developed a full-stack event management app using React Vite, Fastapi, and PostgreSQL. Backend and Database is deployed on Azure myself using Docker with a CI/CD pipeline using GitHub Actions.
  - Designed an awesome user interface and dedicated well-structured database schemas which have over 20 relations and 10 tables, which can handle over millions of data entries.
  - Implemented a variety of features, aims to create a combination of Calendar, When2Meet, Slack.

TECHNICAL SKILLS AND INTERESTS

Frameworks: Next.js, FastAPI, React, Express, Flask, Gin, Vite
Tools: React Native, GitLab, Electron, Git, GSAP, Redux, Docker, Nomad, Figma, SupaBase, Vercel
Coding Languages: C, C++, Csharp, Python, Typescript, R, SQL, Golang
Soft Skills: Team Management, Event Planning
Coursework: Web Scraper, Unity Games, Full-Stack Apps
Areas of Interest: Blogging about Tech (received thousands of visitors)