You-Ming Yeh

Web Development | Software Development

Taiwan

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EDUCATION

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

Information Management — GPA: 4.12

Key Courses: *Web Programming, Text Mining, Machine Learning, Deep Learning, Data Mining, Computer Vision, Operation Research, etc*

EXPERIENCE

•**Chunghwa Telecom Laboratories (Work)** — *UI/UX, Frontend, Backend, Database, Devops*

Full Stack Developer(Part Time) — Jul. 2023 - Aug. 2023
- Developed a backend system from scratch for a leading dining conglomerate, managing reservations across 100+ branches and processing thousands of data entries.
- Integrated modern UI/UX, DevOps, and full-stack technologies, enhancing the company's software architecture.

•**PDOGS Judge (School)** — *Docker, GitLab CI/CD, Jenkins*

DevOps Developer — Jul. 2023 - Aug. 2023
- Spearheaded the adoption of DevOps tools (Docker, GitLab CI/CD, Jenkins) and designed CI/CD pipelines for PDOGS Judge, enhancing deployment efficiency and reliability.
- Designed the Backend and the Judge Core CI/CD pipeline for PDOGS Judge

•**NTU ArtFest Riddle City Dev (Other)** — *Next.js, PostgreSQL, SupaBase, Vercel*

Full-Stack Dev — Feb. 2024 - Present
- Engineered a customizable game platform using Next.js, SupaBase, and PostgreSQL, supporting interactive campus-wide participation.
- 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 (School)** — *Website, APIs Development, Problem Setting*

System Manager and Problem Creator — Jan. 2023 - May 2023
- Developed and maintained PDAO 2023 website, showcasing the contest information, effectively serving hundreds of participants.
- Managed the contest website and developed APIs for a programming contest, supporting an unprecedented user base of 200 participants.

WORKS

•**Commit Chad** — *Feb. 2024*

An AI-powered CLI tool designed to assist with crafting commit messages. Link

- Engineered an AI-enhanced CLI tool, built on google/zx, to facilitate developers in creating more effective commit messages.
- Received over thousands of downloads within a month.

•**GitHub Blog App** — *Jan. 2024*

A dynamic, Notion-inspired WYSIWYG editor ingeniously leveraging GitHub Issues as a backend. Link

- Engineered a comprehensive blog application using Next.js, and GitHub Issues, enabling users to effortlessly create and disseminate blogs.
- Incorporated the advanced Next.js features to enhance server-side rendering and SEO, which resulted in scores of 100 for all Lighthouse performance metrics.

•**Event Master** — *Dec. 2023*

Full-stack event management app. Link

- 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

Tools: React Native, GitLab, Electron, Git, Docker, Nomad, Figma, SupaBase, Kubernetes, Unity, Web Scraper

Coding Languages: C, C++, C, Python, TypeScript, R, SQL, Golang

Soft Skills: Team Management, Event Planning

Areas of Interest: Tech blogging (attracting thousands of visitors), exploring emerging technologies and software development trends.