

You-Ming Yeh

Web Development | Software Development

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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

•Chungwa 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 dining restaurants, managing reservations data across 100+ branches and processing thousands of data entries.
- Integrated modern UI/UX, DevOps, and full-stack technologies, enhancing the software deliverables.

•PDOGS Judge (School)

Docker, GitLab CI/CD, Jenkins

DevOps Developer

Jul. 2023 - Aug. 2023

- Utilized DevOps tools (Docker, GitLab CI/CD, Jenkins) and designed CI/CD pipelines for PDOGS, a school judging system, enhancing deployment efficiency and reliability.
- Designed the Backend and the Judge Core CI/CD pipeline for PDOGS, and used Nomad to orchestrate the deployment.

•NTU ArtFest Riddle City Dev (Other)

Next.js, PostgreSQL, SupaBase, Vercel

Full-Stack Dev

Feb. 2024 - Present

- Developed a customized interactive game platform 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 simultaneously 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 attracting hundreds of participants.
- Managed the contest leaderboard and developed APIs for a programming contest and judging system, 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](#)

- Developed 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 almost 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, which the backend server 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 with proper race conditions handling and indexing.

TECHNICAL SKILLS AND INTERESTS

Frameworks: Next.js, FastAPI, React, Express, Flask, Gin

Tools: React Native, GitLab, Electron, Git, Docker, Nomad, Figma, 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.