

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

•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

•Multiplayer Snake Game

Mar. 2024

A real-time game using websockets for realtime gameplay. [Link](#)

- Engineered the backend to support real-time multiplayer functionality using websockets, showcasing skills in handling real-time data and user concurrency.
- Deployed and managed the game's infrastructure on Azure, demonstrating my ability to work with cloud platforms for scalable web applications.

•GitHub Blog App

Jan. 2024

A dynamic, Notion-inspired WYSIWYG editor ingeniously leveraging GitHub Issues as a backend. [Link](#)

- Utilized GitHub Issues as a creative backend solution for content management, showcasing my ability to leverage APIs for backend functionality.
- 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](#)

- Managed deployment and continuous integration/continuous deployment (CI/CD) using Docker, Azure, and GitHub Actions, demonstrating expertise in modern software development and deployment methodologies.
- Designed and implemented a highly relational database schema capable of managing millions of entries, showcasing deep understanding of database management and optimization.
- Constructed a robust backend using FastAPI, highlighting my skills in API development and integration.

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.