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: 4.04
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 within a month.
  – Designing the Backend and the Judge Core CI/CD pipeline for PDOGS Judge

•**Programming Design and Optimization 2023**   *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.
  – 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.
  – Applied graph theory and the knapsack problem from Data Structure and Algorithm course to create a competition problem.

WORKS

•**Portfolio Website**   *Mar. 2023*
A personal portfolio website. Link

  – Architected and engineered the website from the ground up using React, GSAP, and Tailwind CSS, incorporating Server-Side Rendering for improved performance.
  – Boosted the Lighthouse performance score from 81 to 96 and SEO score from 82 to 100 within a week through strategic optimization.
  – Enhanced user engagement by integrating animations with GSAP and implementing Responsive Web Design (RWD) to improve visual appeal.

•**GitHub Task Manager**   *Apr. 2023*
An full-stack app for user to organize issues (tasks) using GitHub issues API Link

  – Developed an app for users to organize issues using GitHub issues API. The app uses GitHub login, GitHub issue API, GitHub search API, and Express to allow users to view, create, and edit their repositories' issues.
  – Implemented the app using RESTful API, created the user interface, and optimized the app for performance.

TECHNICAL SKILLS AND INTERESTS

Frameworks: React, Express, FastAPI, Node.js
Tools: Vite, Next.js, React Native, GitLab, Electron, Git, GSAP, Redux, Docker, Nomad, Figma
Coding Languages: C, C++, Csharp, Python, HTML, CSS, Javascript, Typescript, R, SQL
Soft Skills: Team Management, Event Planning
Coursework: Real-Time Chatroom, Mini Web Game, Full-Stack Social Platform, SFML Game
Areas of Interest: Blogging about Tech(received hundreds of visitors)

Self Promotion

As a passionate and dedicated computer science professional, I have demonstrated my ability to learn and adapt quickly. Within six months, I mastered full-stack development. Then, I continuously self-learn new technologies and develop side projects, which led to an opportunity to work as a summer intern at the Chunghwa Telecom Laboratories. Meanwhile, I served as a DevOps maintainer for the PDOGS judge system in the Department of Information Management at National Taiwan University. Despite having no prior knowledge of computer networking, I was able to understand the principles of DevOps and successfully implement CI/CD for the backend and JudgeCore within a summer, proving my strong learning ability.

In addition to my technical skills, I have also demonstrated leadership and organizational skills. I served as the organizer for a freshman orientation camp, coordinating outdoor activities for over a hundred participants.

Academically, I have a rich knowledge base and have served as a problem setter for a national programming competition held by my department. I am highly confident in my understanding of algorithms and data structures.

I am confident that I will be a valuable asset to your company. I look forward to hearing from you.