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Full-stack developer with end-to-end experience building, deploying, and scaling web applications across the full stack and cloud infrastructure, including Gemini AI integration and AWS deployment.

Experience

Trainee Wehelp 2025.10 – 2026.04

- Completed intensive full-stack training through self-directed problem solving, meeting weekly checkpoint deadlines with minimal guidance
- Built two full-stack projects independently, including an AI-powered pet health management system and a travel e-commerce website with payment integration

Meat Clerk Real-Canadian-Superstore | Calgary, AB, Canada 2024.05 – 2025.04

- Maintained product quality and food safety standards across the meat section
- Handled inventory management, labeling, and restocking in a fast-paced multicultural environment

Frontend Developer Noonspace | Taipei City, Taiwan 2023.07 – 2024.03

- Collaborated with designers to evaluate feasibility and implement UI requirements
- Built and maintained client websites; contributed to reusable component library development

Self-directed Learning 2023.01 – 2023.06

- Studied full-stack web development independently, focusing on JavaScript, HTML and CSS

Product Optimization Intern Shopee | Taipei City, Taiwan 2021.06 – 2022.06

- Localized AI-generated product titles from mainland Chinese to Taiwan-friendly language, improving market relevance
- Analyzed cross-category sales data using Excel and Python to support promotional strategy decisions

Skills

Back-end	Front-end	Database & Cloud	AI & Integration	Testing & DevOps
Next.js API Routes	TypeScript	PostgreSQL/ MySQL	Gemini API	Jest
Node.js & Python	React	AWS EC2	SendGrid	K6, Load Testing
Prisma ORM	Next.js	AWS RDS	Google OAuth	GitHub Actions
RESTful API	Tailwind CSS	AWS S3	TapPay Pay	Docker
FastAPI	Chart.js	AWS CloudFront		Nginx
NextAuth.js		AWS Load Balancer		
Bcrypt				

Selected Projects

PetHealth

A full-stack pet health management system with AI-powered health analysis and automated email reminders. Deployed on AWS EC2 with Nginx reverse proxy and Application Load Balancer, sustaining **100 concurrent users** with avg. response time of **462ms**, **100% success rate**, and **64 RPS**, validated via **k6 load testing**. Diagnosed and resolved a Docker Server Action memory leak, reducing response time by **40%**.

Link: <https://pethealth.sychcc.net/> | GitHub: <https://github.com/sychcc/PetHealth-2026>

Stack: Next.js (TypeScript), Prisma ORM, NextAuth.js, Gemini API, AWS EC2 / S3 / CloudFront, Docker, Nginx

Taipei-Day-Trip

An e-commerce travel platform featuring **58 Taipei sightseeing attractions** and end-to-end booking flow with TapPay SDK payment integration. Diagnosed and resolved a MySQL connection failure caused by an expired cloud database, migrating to self-hosted Docker MySQL on EC2, reducing TTFB by **92%** (1.37s → 0.11s). Validated via **k6 load testing**, sustaining **100 concurrent users** with avg. response time of **465ms** and **100% success rate** at **65 RPS**.

Link: <https://taipei-day-trip.sychcc.net/> | GitHub: <https://github.com/sychcc/taipei-day-trip/>

Stack: Python, FastAPI, MySQL, JWT, TapPay SDK, AWS EC2, Docker, Nginx

Certification & Coursework

- Introduction to Computer Science – University of the People (92/A-)
- Introduction to Contemporary Operating Systems and Hardware 1b – Illinois Tech
- Fullstack Web Development – Udemy

Education

Bachelor of Applied English Kaohsiung University of Hospitality and Tourism 2018.09 – 2023.01

GPA: 3.6 / 4.0