Vivi Huang

📞 +61 0434012620   ✉ vivihuang268@gmail.com   in www.linkedin.com/in/yuweihuangvivi   🖥 Full Working Rights in AU   📍 Sydney

SUMMARY

Results-driven and innovative **Software & AI Engineer** with solid experience in **full-stack** web development. Proficient in React, TypeScript, Express (Node.js), MongoDB, and RESTful API integration, with strong skills in MySQL. Experienced in LLM integration, prompt engineering, and AI-powered application development. Skilled in CI/CD, DevOps, and AWS environments, with a proven record of delivering high-quality projects on time in agile teams. Click to visit my portfolio

SKILLS

Languages:	C#, JavaScript (ES6+), typescript, Python, PHP, Node.js
Front-end:	React, Redux (RTK), Next.js, Vue, HTML5, CSS3, Tailwind, Sass, jQuery
Back-end:	.NET, Express, RESTful API, GraphQL
DB & Cloud:	MySQL, MongoDB, AWS
Tools:	Git, Agile, CI/CD, GitHub actions, Docker, Jest, Postman, Browser Debugging Tools, OOP, Figma

WORK EXPERIENCE

Software Developer   *(Mar 2025 — August 2025)*   **LeapForward.ai , Sydney**

React / Typescript / Laravel (PHP) / MySQL / GIT / CICD / LLM / OpenAI

Description: Mental fitness digital platform combining **AI** coaching and psychology to help users build resilience, overcome challenges, and improve wellbeing. Visit here

- Developed scalable **Laravel REST APIs** using **Eloquent models**, **middleware**, and **resource controllers** to power the platform's gamification features (progress tracking, badges, points) backed by **MySQL**.
- Implemented an interactive gamification interface with **React** and **TypeScript**, integrating **Laravel APIs** to deliver real-time progress tracking and dynamic progress-bar visualizations aligned with design specifications.
- Built reusable **React components** for real-time reward notifications using **TypeScript**, **Laravel API updates**, and **Tailwind animations**, enhancing user engagement and UI responsiveness.
- **Set up GitHub Actions CI/CD pipelines** to automate building, testing, and deployment processes for both front-end and back-end services.
- **Implemented the "Lucy" virtual health coach** using a fine-tuned GPT-3.5 model, adding multi-turn conversation memory and real-time streaming responses via the OpenAI Chat Completions API.
- **Ensured full data compliance** by encrypting sensitive fields, enforcing safe Eloquent queries, and applying domain validation to secure OpenAI API access.
- **Designed a scalable prompt-management layer** supporting default and custom modes, with dynamic model, endpoint, and token switching for flexible evaluation and A/B testing.

PROJECT

AI-Powered Interview Prep Platform   **Aug 2025 – Oct 2025**

OpenAI API / Mern Stack / MongoDB / Express / React / Node / CICD / AWS / Docker

Overview：Independently built a **MERN**-based interview prep app integrated with the **Gemini API** to generate AI-driven question banks and mock Q&A, supporting multi-environment deployment via Docker, GitHub Actions, and AWS (ap-southeast-2). Visit here

- Led backend development with **Node.js/Express** and **MongoDB**, implementing authentication, question bank and favorites APIs, and environment configurations for stable performance.

- Built the **React** front-end, managing **apiPaths** and **multiple .env** setups for smooth local, testing, and production integration.
- Designed prompt templates and integrated **Gemini API** to generate real-time interview questions and feedback based on user input (role, skills, and difficulty).
- Created end-to-end DevOps pipelines with **Dockerfile** and **docker-compose**, and automated front-end container deployment to **AWS** via **GitHub Actions**.

EDUCATION

University of New South Wales   2021.09-2023.09
Sydney, Australia | Information Technology | Postgraduate Degree
Shanxi Agriculture University   2017.09-2021.06
Shanxi, China | Network Engineering | Undergraduate Degree
University of Information Technology and Management in Rzeszow   2019.02-2019.08
Rzeszow, Poland | Computer Science | Exchange of learning | Grade: 4.5/5

CERTIFICATE

AWS Certified Cloud Practitioner   Issued: Oct 2025
IBM Full Stack Software Developer   Issued: Mar 2025
Meta Front-End Developer   Issued: Feb 2025

REFEREES

Available upon request