

Vivi Huang

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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, 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: Agile, Git, CI/CD, GitHub actions, Docker, Postman, Browser Debugging Tools, Figma

WORK EXPERIENCE

Software Developer (Mar 2025 — August 2025)

LeapForward.ai , Sydney

React / Node / MySQL / GIT / CICD / LLM / OpenAI / AWS

Description: Mental fitness digital platform combining AI coaching and psychology to help users build resilience, overcome challenges, and improve wellbeing. [visit here](#)

- Developed and maintained scalable **REST APIs** using **Node.js**, supporting platform customisations, business logic extensions, and integration with **MySQL**.
- Built **React** interfaces and reusable UI components aligned with SDLC design specifications and release requirements.
- Developed **AI-powered** features using **GPT-3.5**, integrating multi-turn conversation logic and secure data-handling practices.
- Implemented **CI/CD** automation via **GitHub Actions** and **AWS**, enabling consistent and zero-downtime deployments across environments.
- Collaborated with full-stack engineers across **Agile** sprints, contributing to analysis, design, development, testing, deployment, and production support.
- Created technical documentation including API specs, configuration guides, and deployment notes to support cross-team delivery.

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**.

CERTIFICATE

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

EDUCATION

Master of Information Technology — UNSW Sydney	2021–2023
Exchange — Computer Science, UITM Rzeszow, Poland	2019–2019
Bachelor of Network Engineering — Shanxi Agriculture University	2017–2021

REFEREES

Available upon request