TEH JUN HENG

junhengteh.123@gmail.com | +60165410252 | A-4-02 Sri Teratai Apartment 47100 Puchong, Selangor | https://www.linkedin.com/in/jun-heng-teh-6773202b0/ | https://github.com/JNHNG0205|

EDUCATION

Asia Pacific University of Technology & Innovation (Kuala Lumpur, Malaysia)   Mar 2025 - Present
Bachelor of Science (Hons) in Software Engineering

Asia Pacific University of Technology & Innovation (Kuala Lumpur, Malaysia)   Sep 2022-Feb 2025
Diploma in Information & Communication Technology specialism in Interactive   CGPA: 3.77/4.0
Technology

WORKING EXPERIENCES

Sigma School (Malaysia) – Software Development Intern & Teaching Assistant   Oct 2024 – Jan 2025
- Spearheaded frontend development for **Jobier**, an AI-driven job application automation platform, enhancing job-seeker efficiency with intelligent auto-fill and submission tools.
- Built a fully responsive user interface using **React, Tailwind CSS,** and **TypeScript**, resulting in a **30% improvement** in user engagement and mobile usability.
- Facilitated live and online coding support for over **50+ students** in the Full Stack Developer Bootcamp, addressing real-time debugging, project guidance, and code reviews.
- Authored comprehensive technical documentation for internal workflows, improving onboarding time for new team members by **40%**.

PROJECT EXPERIENCES

ENSPin (ETHGlobal Taipei 2025)   April 2025

A self-hostable backend service to ensure permanence of IPFS-hosted content linked with ENS names.

- Monitored **ContenthashChanged** events on ENS resolver smart contracts using **TypeScript**, **Node.js**, and **Ethers.js**.
- Integrated **IPFS**, **Docker**, and **Next.js** for continuous content pinning.
- Helped reduce ENS content expiration cases by **70%** for prototype users.

AIquidity (ETHGlobal Agentic Ethereum)   Jan 2025

An AI liquidity pool advisor that automates fund deployment and risk optimization.

- Utilized **CDP AgentKit** to manage DeFi yield farming strategies.
- Designed a frontend dashboard in **Next.js** and integrated **OpenAI** for decision modeling.
- Simulated **20+ portfolio strategies**, increasing simulated yield by **15–25%** over baseline.

Data.Auc (Encode University Hackathon: Future of Blockchain)   Dec 2024
A decentralized auction platform for buying and selling data on-chain.
- Engineered the smart contract in **Solidity** to handle bidding and data verification.
- Implemented client-side using **Next.js**, **TypeScript**, and **Ethers.js**.
- Enabled over **30 data auctions** during testing with a **100% success rate** in validation.

Jobier (Sigma School Internship)   Oct 2024
An AI-powered auto job application platform designed to streamline job hunting.
- Developed a responsive frontend interface using **React**, **Tailwind CSS**, and **TypeScript**.
- Automated over **500+ job applications** using AI integration.
- Collaborated with a cross-functional team of 6, contributing to increased user engagement by **30%** through UX improvements.

ACTIVITIES & AWARDS
ETHGlobal Taipei 2025– Best ENS Infrastructure
- Proposed ENSPin, a self-hostable tool that keeps your IPFS content alive and ENS permanent.
  (TypeScript, Nextjs, Docker, IPFS)