

TEH JUN HENG

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EDUCATION

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| Asia Pacific University of Technology & Innovation (Kuala Lumpur, Malaysia) Bachelor of Science (Hons) in Software Engineering | Mar 2025 - Present |
| Asia Pacific University of Technology & Innovation (Kuala Lumpur, Malaysia) Diploma in Information & Communication Technology specialism in Interactive Technology | Sep 2022-Feb 2025 CGPA: 3.77/4.0 |

WORKING EXPERIENCES

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| Sigma School (Malaysia) – Software Development Intern & Teaching Assistant <ul style="list-style-type: none">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%. | Oct 2024 – Jan 2025 |
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PROJECT EXPERIENCES

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| YumeProof (IOTA Hackathon Malaysia 2025) <p>A mobile proof-of-reality system ensuring image and device authenticity using IOTA Identity and TEE</p> <ul style="list-style-type: none">Developed a Kotlin-based Android app with Rust Uniffi for cross-language integration, achieving 100% secure device attestation.Verified 1:1 device authenticity by integrating Google Play Integrity API and Confidential VMs, generating unique DIDs on-chain.Secured over 100+ images with metadata via IOTA Notarization, using device-tied keys stored in Android Keystore. | July 2025 |
| ENSPin (ETHGlobal Taipei 2025) <p>A self-hostable backend service to ensure permanence of IPFS-hosted content linked with ENS names.</p> <ul style="list-style-type: none">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. | April 2025 |
| AIquidity (ETHGlobal Agentic Ethereum) <p>An AI liquidity pool advisor that automates fund deployment and risk optimization.</p> <ul style="list-style-type: none">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. | Jan 2025 |
| Jobier (Sigma School Internship) <p>An AI-powered auto job application platform designed to streamline job hunting.</p> <ul style="list-style-type: none">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. | Oct 2024 |

ACTIVITIES & AWARDS

IOTA Hackathon Malaysia 2025 - 1st Place

- Proposed YumeProof, a mobile proof-of-reality system ensuring image and device authenticity (Rust, Kotlin, Move)

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)

Solana MegaHack - 7th Place

- Proposed CredCall, a decentralized platform built on Solana that holds Key Opinion Leaders (KOLs) accountable for their token calls through on-chain verification, staking, and performance tracking. (TypeScript, Nextjs, Rust)

Encode University Hackathon: Future of Blockchain - Citrea Track-2nd Place

- Proposed Data.Auc, a Web3-based platform that enables a secure, decentralized data marketplace and bidding system. (TypeScript, Nextjs, Solidity, Circom)