

ANG ZHI HENG

Software Developer | Full-Stack Development & Implementation

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resume.zhng.tech

PROFILE

Software developer bridging business requirements and technical delivery. Independently rebuilt and currently maintains the second version of a tuition-management platform, following a three-person v1 collaboration. Seeking software engineering or technology / implementation consulting roles; currently self-studying accounting fundamentals with an interest in SAP FI/CO.

PROFESSIONAL EXPERIENCE

Software Developer | Pixl8 Group

Oct 2024 - Present | Kuala Lumpur (remote)

- Translate non-technical client requirements into enterprise web features; work with colleagues across the UK and Malaysia to deliver changes.
- Investigate post-launch issues, explain solutions to client users and follow up to confirm that fixes meet their needs.
- Work with CFML / Preside CMS, JavaScript, HTML, CSS / LESS, Bootstrap and Grunt in enterprise web development.

Real Estate App Developer Intern | Didian

Oct 2023 - Jan 2024 | Kuala Lumpur

- Contributed to a property platform across React Native mobile apps, a React web admin dashboard, Node.js APIs and UI/UX, using TypeScript and test-driven development.

SELECTED PROJECTS

Frenztalk | Tuition Management Platform

v1: Three-person collaboration | v2: Sole developer | Ongoing support

- Scoped v1 requirements and feasibility; built frontend and backend features and provided direct support for client issues.
- Independently rebuilt v2 with Next.js, TypeScript and Supabase / PostgreSQL, covering student and tutor management, lesson scheduling, Zoom integration, billing and PDF statements.
- Addressed overlapping bookings in the original workflow with PostgreSQL exclusion constraints and a centralised booking engine; maintained legacy synchronisation during migration.
- Established Git release workflows, feature previews on Vercel and automated checks; use AI-assisted development and Supabase MCP to support maintenance.

Esports Live Data Research | Personal Project

- Built a Python system combining WebSocket feeds, state validation, SQLite persistence and a web dashboard; deployed containerised services on a Linux VPS with Docker.

TECHNICAL & DELIVERY SKILLS

Development: TypeScript, JavaScript, React, Next.js, React Native, Node.js, Python, CFML, Preside CMS; HTML, CSS / LESS, Tailwind CSS, Bootstrap.

Data & delivery: PostgreSQL, Supabase, Firebase / Firestore, SQLite, REST APIs, WebSockets, Git, GitHub Actions, Vercel, Docker, Linux; Vitest, Playwright, TDD.

Business & people: Requirements discovery, budgeting, UI/UX design, user support, cross-cultural teamwork. English, Mandarin and Bahasa Malaysia.

EDUCATION & LEADERSHIP

BSc (Honours) Software Engineering | Universiti Tunku Abdul Rahman (UTAR)

2021 - 2024 | CGPA: 3.28 | Final-year GPA: 3.78

Programme Team HOD, UTAR 20th Anniversary. Backend development & UI/UX, Jom Hack 2023.