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Kuala Lumpur, Malaysia

MIKE YOW JUN WAH

SOFTWARE DEVELOPER

EDUCATION

Bachelor of Computer Science
UCSI University 2022 – 2024

CGPA 3.40 Second Class Honours (Upper)

Diploma in Information Technology
UCSI University 2019 – 2021

CGPA 3.77 Employee Mgmt System (VB.NET)

SKILLS

FRONTEND
TypeScript · JavaScript · React.js · Vue.js · Ant Design · Vite · HTML/CSS · Tailwind CSS · Bootstrap

BACKEND
Node.js · Express.js · GraphQL · REST API · Laravel (PHP) · Python

AUTH & SECURITY
SAML SSO · OAuth2 / OIDC · 2FA (TOTP)

AI INTEGRATION
Claude API · Multi-Agent Systems · LLM Integration

MOBILE
Flutter · Dart

DATABASES
PostgreSQL · MongoDB · MySQL

DEVOPS & CLOUD
Docker · Kubernetes · Jenkins · GitHub Actions · Azure DevOps · GCP

DATA
Power BI · DAX · KQL (Azure Data Explorer)

PERSONAL PROJECT

Diamond Hands
Multi-Agent Quantitative Trading System

Quant trading platform for stocks and crypto modelled on a trading firm: strategy rules find trades, Claude agents vet them, a risk engine sizes orders.

- Built a bar-by-bar backtester with walk-forward and Monte Carlo tests
- Risk engine sizes trades, caps exposure and fails closed on bad data
- Claude agent reviews with autopilot or manual approval via Telegram
- Per-market bots on GCP Cloud Run with idempotent, reconciled orders
- React dashboard for live positions, P&L and a strategy leaderboard

TECH STACK Python, pandas, NumPy, TypeScript, React, Node.js, Anthropic API, PostgreSQL (Neon), Docker, GCP Cloud Run, GitHub Actions, Telegram Bot API, CCXT

EXPERIENCE

Software Developer
Conny Tech Sdn. Bhd. — Nov 2025 – Present

- Migrated the EHS web app end-to-end from JavaScript to TypeScript
- Relocated 4 production backend services to GCP asia-southeast1, cutting SEA latency by ~150–250ms and securing secrets via Secret Manager
- Optimized CI/CD, cutting build time from 8 to 2 minutes (~70% faster)
- Migrated the Flutter iOS app from CocoaPods to Swift Package Manager, cutting CI/CD builds by up to 60% (20–40 → 12–15 min) and ending pod cache failures in Jenkins
- Implemented SAML SSO, OAuth2/OIDC and 2FA middleware, securing token validation and device authentication across web and mobile
- Architected CI/CD pipelines for mobile and backend with Jenkins, Bitbucket, Docker, Firebase and AWS S3/R2

TECH STACK HTML, CSS, JavaScript, TypeScript, React.js, Node.js, Express.js, GraphQL, MongoDB, PostgreSQL, Flutter, Docker, Kubernetes, Jenkins, GCP

Software Engineer (Microsoft Silicon)
Beyondsoft (Malaysia) Sdn. Bhd. · 6-month contract — May – Oct 2025

- Supported Microsoft Penang's Silicon Project via Beyondsoft
- Built forecasting and supply planning aligned to delivery targets
- Designed inventory tracking with dynamic reorder points and safety stock
- Automated chipset/wafer data pipelines with Python and Azure DevOps
- Built Power BI dashboards tracking planned vs. actual deliveries

TECH STACK Python, CI/CD Pipelines, Azure DevOps, Power BI, DAX, Azure Kusto

Web Developer
Cipher Technology Sdn. Bhd. — May 2024 – Apr 2025

- Built Laravel web apps with RESTful APIs and AJAX interfaces
- Integrated third-party APIs to extend platform functionality
- Implemented Google Authenticator 2FA for the back-office portal

TECH STACK Laravel (PHP), MySQL, Vue.js, jQuery, AJAX, REST API, Bootstrap

Intern – IT Infrastructure
iFAST Global Hub AI Sdn. Bhd. — Jan 2024 – May 2024

Intern – Technical Support
Zulend Sdn. Bhd. — Sep 2021 – Dec 2021