

Elliot Chan

Full-Stack Engineer | Hong Kong

mail@kwunlam.com | github.com/etklam | elliot.pages.dev

SUMMARY

Full-stack engineer with experience delivering and enhancing banking systems, government platforms, and production-grade internal workflows. Strong in enterprise backend development, cross-system integration, and release execution, with the ability to combine hands-on engineering discipline with pragmatic AI-assisted product development.

EXPERIENCE

Senior Programmer (Associate Manager)

Apr 2023 - Present

Shanghai Commercial Bank

- Contributed to core banking modernization initiatives, supporting migration from AS400 workflows to Java 11 and Spring Boot services within an enterprise environment.
- Enhanced delivery and deployment workflows with GitLab CI/CD process improvements that reduced release friction and regression risk.
- Built reporting modules and external integration interfaces within existing architectural constraints to improve data visibility and cross-system collaboration.

Svc Info Developer

Jun 2022 - Apr 2023

DXC Technology

- Developed and maintained government system modules using J2EE, C#, and SQL Server in an established enterprise delivery environment.
- Supported SIT, UAT, load testing, and production go-live activities to maintain stable releases and operational continuity.

PROJECTS

EasyWhisper

Electron, Vue 3, whisper.cpp, ffmpeg, yt-dlp, Ollama

<https://github.com/etklam/EasyWhisper>

- Designed and built a local-first desktop transcription application for audio, video, and URL-based batch processing workflows.
- Implemented queue-based processing, subtitle export, translation, correction, and summarization capabilities across the transcription pipeline.
- Integrated local execution tooling to improve privacy, reduce external dependency risk, and support practical day-to-day media processing.

trade-basic.com

Nuxt 4, Vue 3, JWT, PWA, i18n

<https://trade-basic.com>

- Built a full-stack investment journaling platform covering trade logs, portfolio tracking, alerting, and timeline-based review workflows.
- Implemented decision-support features including position sizing, ETF analysis, and seasonality analysis tools.

Integrated multilingual support, JWT-based authentication, PWA capabilities, and admin content management into a single production-style platform.

SKILLS

Programming Languages: Java, TypeScript, JavaScript, C#, SQL

Enterprise Backend: Spring Boot, Node.js, J2EE, RESTful API, GraphQL, MyBatis, JPA, JWT

Frontend Applications: React, Next.js, Vue 3, Nuxt 4, Electron, Tailwind CSS, i18n, PWA

Database & System Integration: SQL Server, Relational Database Design, Reporting Integration, External System Integration, Cross-System Data Flow

Delivery, QA & Operations: GitLab CI/CD, Docker, Kubernetes, Deployment Workflow, SIT, UAT, Load Testing, Production Go-Live Support

Applied AI & Automation: whisper.cpp, Ollama, ffmpeg, yt-dlp, Batch Processing, Transcription Workflow, Subtitle Export

EDUCATION

Hong Kong Baptist University

2018 - 2022

Bachelor of Science in Computer Science