Chen Cheok Mun

FULL STACK DEVELOPER

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PROFESSIONAL SUMMARY

Full stack developer building and shipping production web and mobile software at an enterprise software company serving 25+ clients. Specialises in React, Next.js and TypeScript, with Node.js, C#/.NET and Java backends and SQL databases, and a strong record in system integration and automation. Picks up new frameworks quickly, having shipped production work in React, ASP.NET, Java EE, Capacitor and FastAPI, and independently launches full-stack products with Next.js, Supabase and AI APIs.

WORK EXPERIENCE

Application Developer (Full Stack) Feb 2025 – Present

Summer Region Sdn. Bhd.

- Main developer of a React and TypeScript patient portal with a C# ASP.NET Web API, used by multiple hospitals for appointments and medical records, with three languages and per-hospital branding from a single build.
- Designed, built and documented a 22-endpoint REST API in C# that lets partner applications integrate with the hospital information system, with key-based authentication and a standard error contract.
- Published 2 patient mobile apps to the App Store and Google Play by packaging the React portal with Capacitor, handling builds, signing and store releases.
- Built a one-click release tool in PowerShell that automates the daily build and deployment of a Java EE application across all servers, replacing a manual multi-step process with preflight checks, dry-run mode and encrypted credentials.
- Engineered a 10.4M-record data migration from SQL Server to Oracle with an 85-procedure PL/SQL pipeline and a Python orchestrator, cutting the full runtime by 50% (from 4h 28m to 2h 15m).

Software Engineering Intern Aug 2023 – Nov 2023

PETRONAS Digital Sdn. Bhd.

- Developed responsive web interfaces using HTML, CSS and JavaScript, improving user interaction efficiency by 10% through optimised design and navigation.
- Managed and optimised relational databases by writing efficient SQL queries for data retrieval, updates and performance improvements.
- Tested web applications rigorously, identifying and resolving 20+ bugs to meet functional and design requirements.
- Collaborated with cross-functional teams to ensure timely and successful project delivery.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, C#, Java, SQL, PL/SQL

Frontend: React, Next.js, Redux Toolkit, Zustand, React Router, React Native (Expo), Vite, HTML, CSS

Backend: Node.js, Express, ASP.NET Web API, FastAPI, Java EE, REST APIs, JWT/OAuth

Data & Cloud: PostgreSQL, Supabase, MySQL, MongoDB, Oracle, SQL Server, Vercel, Cloudflare R2

AI: Claude API, OpenAI API, Claude Code, Codex

Testing & Tools: Vitest, React Testing Library, MSW, Git, Docker, GitHub Actions, Postman

Integration: Stripe, Mirth Connect, HL7, ASTM

PROJECTS

Minutiq | AI Meeting Minutes Generator minutiq.made-by-mun.com

Next.js, TypeScript, Python FastAPI, Supabase, OpenAI API, Stripe, Cloudflare R2, Docker

- Converts audio, video or transcripts into structured, editable meeting minutes in the user's chosen language, exported to Word or PDF.
- Built a FastAPI backend that transcribes and drafts minutes with the OpenAI API in background jobs, with live progress shown in the Next.js frontend.
- Re-architected the backend from a separate worker and Redis queue to a single-process design, cutting hosting cost from US$24/month to US$0.
- Made jobs restart-safe: work interrupted by a server restart is detected on startup and automatically refunded to the user's quota.
- Added Stripe subscriptions with plan-based quotas, saved templates and rate limiting, while keeping meeting content in memory only.

Just Us | Private Shared Space for Couples justus.made-by-mun.com

Next.js, React, TypeScript, Supabase, Stripe, Vercel, GitHub Actions

- Built a shared space for couples with QR-code partner pairing in real time, a shared photo and video gallery, and important-date tracking.
- Isolated each couple's data with Postgres row-level security, using database triggers to enforce storage quotas.
- Secured media in a private storage bucket served through short-lived signed URLs, with client-side thumbnails and paginated loading.
- Integrated Stripe subscription billing with signature-verified, idempotent webhooks and a daily reconciliation job.
- Set up a GitHub Actions CI pipeline that runs type-checking, linting, tests and builds on every push, with deployment on Vercel.

EDUCATION

Bachelor of Science (Hons) in Computer Science Sep 2021 – Sep 2024

Asia Pacific University of Technology & Innovation (APU)

- First Class Honours, CGPA 3.77, Vice-Chancellor's List
- Final Year Project (Grade A+): gamified water-tracking mobile app built with React Native, Node.js and MongoDB

LANGUAGES

English, Bahasa Malaysia, Mandarin