

Chew Yuen Xuen

Frontend Developer · Full Stack Capable · Available Immediately

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PROFESSIONAL SUMMARY

Frontend-focused Full Stack Engineer with 5 years of experience building scalable, high-performance web applications across insurtech, logistics, and e-commerce. Deep expertise in React, Next.js, and TypeScript, with solid backend depth in Node.js, NestJS, and PostgreSQL. Key contributor to EzSub, Singlife's award-winning financial adviser portal, which received the Singapore User Experience of the Year – Financial Services award at the Asian Business Review Awards 2025. Built and deployed a live multi-stakeholder Order Management System for a European chauffeur platform, taking full ownership of backend, database, and deployment. Passionate about writing clean, maintainable code and making technology genuinely accessible to its users.

TECHNICAL SKILLS

Frontend:	React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Flutter
Backend:	Node.js, NestJS, Prisma, RESTful APIs, Microservices Architecture
Database:	PostgreSQL, MySQL, MongoDB, Redis
Testing:	Jest, Vitest, Playwright
Tooling & DevOps:	Docker, Webpack, Vite, Monorepo, Turborepo, CI/CD Pipelines, Git
Other:	Shopify Liquid, CRM Integrations, Payment Gateway Integrations

PROFESSIONAL EXPERIENCE

Freelance Software Engineer | Independent Contractor · Remote Aug 2025 – Present

- Fleevigo OMS:** Designed and built a full-stack, multi-stakeholder Order Management System for a European executive chauffeur service, now live and in production. The system unifies offer and order data from multiple booking platforms, orchestrates driver assignment, and automates driver follow-up workflows. Fully responsible for backend architecture, database design, deployment, and ongoing maintenance. Stack: Next.js, NestJS, PostgreSQL, Redis.
- Delivered Shopify ecosystems and sales funnels for global coaching clients, using custom Liquid, CSS, and CRM integrations, focusing on usability and making technology genuinely accessible for non-technical business owners.

Analyst, Application Development | Singlife Singapore · Singapore May 2023 – Aug 2025

- EzSub (Award-winning portal):** Key contributor to EzSub, a React + TypeScript web application used by Singlife's network of financial adviser representatives across Singapore to submit and manage insurance applications. EzSub received the Singapore User Experience of the Year – Financial Services award at the Asian Business Review Awards 2025.
- Modernisation:** Contributed to the migration of the EzSub platform from a legacy AngularJS codebase to a modern React + TypeScript architecture, ensuring full responsive design and cross-browser compatibility across all target devices, improving performance, developer experience, and long-term maintainability.

- **Mentorship & code quality:** Guided and supported a group of offshore developers through regular PR reviews, hands-on code walkthroughs, and knowledge-sharing sessions, raising the quality and consistency of code across the team.
- **Leadership collaboration:** Worked closely with the team lead and product stakeholders under tight production deadlines, ensuring features were delivered with high quality and aligned to business requirements across a 2-year engagement.

Software Engineer (Full Stack) | FeedMe · Malaysia

Sep 2022 – Jan 2023

- **Payment integration:** Integrated Razer Merchant Services (Fiuu) as a new payment partner, replacing an existing gateway, ensuring payment flows were reliable end-to-end across the web portal and backend.
- **Payout accuracy:** Maintained and validated T+1 payout reconciliation, ensuring that daily transaction statements were accurate and settlements processed correctly for merchants on the platform.
- **Full stack maintenance:** Maintained and extended the FeedMe web portal, backend APIs, and Flutter mobile app across payment-related features and bug fixes.

EARLY CAREER

Roles held during the early phase of my career, building a foundation across frontend, mobile, and full stack development:

Full Stack Developer | Deegix Pte Ltd

Feb 2023 – Apr 2023

Mobile App Engineer (Internship) | UC Technology

Jun 2022 – Aug 2022

Frontend Developer | Techworlds Innovation

Dec 2020 – Apr 2022

PERSONAL PROJECTS

Worship Team Scheduler · Next.js, NestJS, PostgreSQL, Discord.js

- Church worship teams were scheduling manually through Discord messages, leading to conflicts and missed availability. Built a full-stack scheduler that reads member availability directly from Discord replies via a bot, keeping team behaviour unchanged, while giving admins a dedicated interface to manage monthly rosters, view availability by date, and automatically respect member block-out periods.

Church Claims Management System · Next.js, NestJS, PostgreSQL *(In testing)*

- Replaced a fully paper-based claims process where submissions were tracked and approved by hand. Built a digital system where members submit claims online, and each submission is automatically routed through a configurable multi-level approval workflow assigned to the appropriate leaders and admin roles.

EDUCATION

Bachelor of Software Engineering | Southern University College, Malaysia

2022