CALVIN CHENG

FRONTEND SOFTWARE ENGINEER

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TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, HTML/CSS/SCSS, Redux, Tailwind
Tools: Git, Docker, Vite, Axios, MongoDB, SQL

LANGUAGES

- French & English (Native Bilingual)
- Cantonese & Mandarin (Conversational)

EXPERIENCES

FRONTEND SOFTWARE ENGINEER

Generix Group | Oct 2023 – Current | Montreal

- Engineered migration strategy from legacy Preact to modern React for CMS platform serving 3,000+ warehouse management solution pages, implementing hybrid routing architecture that bridges new React pages with iframed legacy application.
- Initiated modernization of legacy Load Planning interface, replacing server-rendered HTML with React SPA architecture that eliminated full-page refreshes and reduced infrastructure costs by 75%.
- Designed unified navigation system spanning React and Preact environments, ensuring seamless user experience across hybrid architecture during multi-phase migration.
- Delivered multi-grouping support for enterprise data table component in Preact, stabilizing legacy Redux patterns while maintaining backward compatibility.
- Championed AI-powered internal knowledge search initiative; selected through employee innovation program and presented to C-suite and company town halls.

FULL STACK DEVELOPER

onepoint | Dec 2021 - Oct 2023 | Montreal

- Debugged and stabilized Autodesk Forge Viewer integration for 3D building visualization, resolving API instability issues and implementing customizations through vendor documentation research.
- Built recurring payment functionality using Java backend with Moneris API integration for subscription billing
- Developed React-based frontend components for smart building platform including portals and property management workflows.

EDUCATION

BACHELOR OF ENGINEERING, ELECTRICAL ENGINEERING

Concordia University

- **Completed Coursework**: Data Structures & Algorithms, Object-Oriented Programming