

Jacky Feng

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SUMMARY

Visa Status: Open work permit (PGWP), Eligible to work in Canada

Language: JavaScript (ES6), Typescript, Python

Technical Skills:

- **Front-End:** React (Hooks, Redux), React Native, Vue, Vite, HTML5, CSS3, TailwindCSS
- **Back-End:** Node.js, Express.js, Postgres, MongoDB, MySQL
- **Relevant Tools:** Docker, GitHub Action, AWS, Webpack, Linux, Figma

WORK EXPERIENCES

Front-end Developer | Cognizant | 2022.07 – 2023.05 | 3D Factory Management Visualization System

- Implemented an industrial-grade 3D visualization platform for a food factory's backend management system using **React** and **Babylon.js**, enabling real-time monitoring and intuitive 3D interaction with factory layouts.
- Integrated device position data from an **Express.js** backend via **RESTful APIs** and rendered it onto a 3D factory model implemented with **Babylon.js**, enabling accurate visualization of equipment locations.
- Developed responsive and interactive user interfaces with **React** and **Ant Design UI**, leveraging a custom **Axios** wrapper for streamlined backend data fetching and rendering, enabling real-time visualization and enhancing user experience with smooth interactions.
- Collaborated with the development team to implement version control best practices using **GitHub**, including branching strategies, pull requests, and code reviews, ensuring seamless collaboration and maintaining codebase integrity.

Front-end Development Trainee | Cognizant | 2022.03 – 2022.07 | E-Commerce Mobile Platform

- Implemented dynamic, responsive user interface components for a mobile e-commerce app using **Vue** and **Element UI**, ensuring consistent and user-friendly interactions across devices.
- Integrated centralized state management with **Vuex**, utilizing a custom **Axios** wrapper to streamline backend data fetching and enable dynamic user interactions.
- Developed interactive data visualization features using **ECharts** for trend analysis and **Leaflet** for real-time delivery vehicle tracking, enhancing operational visibility and user engagement.
- Collaborated in a **Scrum** development environment, contributing to sprint planning, coordinating task assignments, and conducting feature-specific functional testing to ensure quality.

PERSONAL PROJECT

Blog Website | 2024.06 – 2024.08 | React, Express.js, Node.js, MongoDB

- Developed a full-stack blogging platform inspired by Medium using the **MERN** stack, featuring dark mode, responsive design, and comprehensive CRUD operations.
- Integrated **ReactQuill** with custom configurations for rich text editing, applying **DOMPurify** to sanitize HTML and protect against XSS vulnerabilities.
- Implemented secure user authentication with **JWT** and **HTTP-only** cookies for session management, developed a robust comment system with real-time updates, and created a tagging system for content categorization using the **Context API** for global state management.
- Engineered an image upload system with **Multer** for blog post attachments, developed a responsive UI using **Tailwind CSS** with custom typography for enhanced readability and visual appeal.

EDUCATION

Sep. 2023- Dec. 2024

New York Institute of Technology(Vancouver)

Master of Science, Cybersecurity

- **Coursework:** Project(Blockchain Direction), Cryptography, Data Center Security, Digital Forensics, Computer Networks, Intrusion Detection and Hacker Exploits, Security Risk Management