

Huanbing Zhang

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SUMMARY

Results-driven Full-Stack Developer with 3+ years of experience in fast-paced startup environments.

Recognized contribution in shared goals, fostering knowledge exchange, and driving successful project outcomes through teamwork.

Highly organized and adept at prioritizing competing demands to ensure efficient and timely project delivery.

Experienced in applying critical thinking and structured problem-solving methodologies to deliver reliable, scalable solutions.

SKILLS

Framework & State Management: Vue.js (2 & 3), Vuex, Pinia, Vue Router, React 18, Redux, React Router,

Build Tools & Transpilers: JavaScript (ES5+), Vite, Vue CLI, Webpack, Babel, CI/CD Pipeline

UI & Styling: HTML5, CSS, SCSS, Element Plus, Bootstrap, i18n, Responsive Design, Accessibility (WCAG, AODA, ARIA)

Backend & API: Node.js, Express.js, RESTful APIs, Axios, SQL, MongoDB

DevOps & Collaboration: Git, Github, Azure DevOps, AI-assisted Development

PROFESSIONAL EXPERIENCE

HelloTEC inc. | Toronto, CA

Full-Stack Web Developer

Sept 2022 – Present

International Logistics Management Platform with separate user (Vue 3) and admin interfaces (React 18), powered by Express.js RESTful API with MongoDB Frontend Development

- Developed a consistent and scalable design system by centralizing global SCSS variables and reusable mixins, which improved UI consistency and reduced styling maintenance time.
- Created reusable UI components (tables, inputs, cards) for both Vue and React apps with standardized styling, flexible props (dynamic data) and conditional rendering.
- Used Pinia (Vue) and Redux Toolkit (React) to organize state logic across modules like user auth, orders, and goods management, reducing duplicated code and improving data flow.
- Built a centralized API layer leveraging Axios interceptors to handle token injection, error normalization, and localized user messaging, delivering a consistent UX and enforcing secure, role-based access control across different user levels.
- Built an analytics dashboard using Redux, Ant Design, and Recharts, delivering responsive KPI cards and line charts with robust loading/error states powered by backend statistics.
- Integrated TinyMCE and React-Quill editors for managing email templates and announcements, supporting live HTML preview and API-based CRUD operations.
- Implemented AODA-compliant UI components by ensuring proper keyboard navigation (e.g. focusable responsive elements), ARIA labeling (e.g. aria-label, aria-describedby), and color-contrast ratio (e.g. $\geq 4.5 : 1$ for plain text)
- Added bilingual support (English/Chinese) with a database-driven translation system that allows dynamic updates without redeploying, improving accessibility for global users.

Backend Development

- Designed RESTful API backend with Express.js and MongoDB, implementing 100+ endpoints across 9 business modules (authentication, inventory, orders, customer service, analytics) following MVC architecture with async/await patterns and centralized error handling middleware.
- Built secure authentication system using JWT tokens with Passport.js strategy, implementing email verification, password reset workflows, and role-based access control (RBAC) that integrates seamlessly with frontend authentication.
- Optimized MongoDB database schema with 9 collections and proper indexing strategies, using Aggregation Pipeline for processing 50K+ records and building real-time analytics, reducing response time to under 200ms and improved query performance by 70%.
- Standardized bilingual API responses with a shared response schema (English/Chinese) across controllers and OpenAPI schema.
- Delivered an email platform (Nodemailer, templating + caching, ~40% gain) integrated with after-sales ticketing for SLA-tracked status notifications and compensation workflows.
- Integrated Swagger UI with OpenAPI 3.0 specification to generate interactive API documentation with request/response examples, reducing frontend integration time by 60% and improving API contract clarity.

Cross-Platform Development

- Worked closely with product managers, business analysts, and QA engineers to refine requirements, improve usability, and troubleshoot issues.
- Applied best practices (Prettier formatting, path aliases, lazy loading, and utility functions) to keep the frontend codebase clean and performant, and security best practices for backend (bcryptjs for password hashing, Helmet middleware for HTTP security headers, and CORS configuration) ensuring protection against common web vulnerabilities and secure data transmission
- Used AI tools to automate repetitive work and speed up debugging, helping the team deliver features faster and with fewer errors.

TopOffer | Toronto, CA

Assistant Manager / Supervisor / Administrator

Nov 2020 – Jul 2022

- Led and supervised a team of consultants, designing training programs, delegating tasks, and monitoring performance metrics to maintain high service quality with zero client complaints.
- Provided academic advisory services and researched global university program requirements, supporting program planning aligned with students' academic and career goals, and enhancing students' profiles for successful postgraduate admissions.

EDUCATION

Ontario College Advanced Diploma in Computer Programming and Analysis - George Brown College

Sept 2022 – July 2025

Master of Professional Education - Western University

Sept 2019 – Oct 2020

Honour Bachelor of Arts – University of Toronto

Sept 2013 – June 2017