

ZacharyMcRae

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About Me

I am a full stack developer with a passion for learning and problem solving. I am strongest in front end work and enjoy making friendly and convenient UIs. I am confident and know my way around the backend to add or update functionalities and debug errors. I have a strong background in web development using Typescript, Python and have some mobile app development experience with React Native. I am a fast learner that enjoys exploring new topics and technologies, recently I have been designing and modeling functional 3d printed items. I am currently looking for a full time position in the field of web development.

Skills

Languages/Runtimes: Typescript, Python, Javascript, Nodejs

Frameworks/Libraries: Vue 3, Nuxt 3, FastAPI, React, React Native, Express

Tools/Skills: Git, GitHub, HTML, CSS, PrimeVue, Chart.js, AWS, MongoDB, SQL, Socket.IO

Work Experience

Chartd - Combining software development, data science and artificial intelligence

Remote, Ontario based

WEB APPLICATION DEVELOPER

Jan 2023 - June 2025

- Primary front end developer across multiple projects. First hire for the company.
- Brought designs and ideas to life using Typescript, Vue 3, Nuxt 3, FastAPI and Python.
- Worked with students and coworkers to provide guidance and support.
- Delivered new features, contributed to designs and created bug fixes to existing projects.

Abraham Systems - Custom solutions for your business

Sudbury, Ontario

FULL STACK DEVELOPER

Nov 2021 - Dec 2022

- Develop custom mobile apps for customers in Javascript with React Native and an Express.js backend.
- Develop and modify custom websites for customers in a Javascript/Nodejs environment.
- Work with customers to understand their needs and provide solutions.

Projects

Sodelic - Web App

Vue 3, Nuxt 3, FastAPI

SOFTWARE DEVELOPMENT LIFECYCLE (SDLC) AND PROJECT MANAGEMENT TOOL

Jun 2024 - Jun 2025

- Built and established majority of the front end using Vue 3 and Nuxt 3.
- Created custom activity and item feed component with filtering, search and collapsible sections.
- Lead integration of AWS authentication using Cognito. Both user emails and external auth providers.
- Contributed to test coverage using Cypress.io and improved CI test run times by 60%.

Insights - Web App

Vue 3, Nuxt 3, FastAPI

AI CHAT APP FOR ANALYZING DATA INTO CHART AND TABLE BI DISPLAYS

Jun 2023 - June 2024

- Built 95% of and established the front end using Vue 3 and Nuxt 3.
- Used Chart.js to create reusable component for dynamic charts and tables from user data.
- Created a custom protocol for exchanging requests and data between front and back ends.

Track Offsets - Web App

Vue 3, Nuxt 3, FastAPI

CUSTOM BUILT TOOL FOR CANADA'S INDUSTRIAL AND TECHNOLOGICAL BENEFITS (ITB) POLICY

Jan 2023 - June 2023

- Built and established majority of the front end using Vue 3 and Nuxt 3.
- Extensive use of Chart.js and PrimeVue to display data in user friendly dashboards.
- Guiding and working with a team of students to deliver the project.

IndiEats Customer - Android/iOS App

React Native, Express.js

LOCAL RESTAURANTS FOOD ORDERING APP

Jun 2022 - Oct 2022

- Sole developer on front end React Native application.
- Implemented app and styles from design documents.
- Integrated existing Express backend and adding API endpoints as needed.