Alexander Steeves

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OBJECTIVE

Software developer with 2 years of experience, focused on front-end development using TypeScript, React, and modern web technologies to build performant and user-friendly applications.

EDUCATION

University of Ottawa Ottawa, ON
Bachelor of Applied Science in Computer Engineering *Aug. 2019 – May 2024*

EXPERIENCE

Software Developer July 2024 – Present
Autocase *Toronto, ON*
- Developed responsive front-end features using **TypeScript** and **React Query** to optimize user workflows
- Designed and maintained **PostgreSQL** backend queries and schemas to support dynamic data-driven applications

Data Analyst May 2023 – Sept 2023
Canada Revenue Agency *Ottawa, ON*
- Identified and fixed a **50%** data discrepancy between the legacy and new databases using Excel and SasViya, ensuring data integrity and accuracy, which prevented potential data loss
- Streamlined data processing and analysis by creating efficient reports using CognosBI, improving reporting speed by **20%**

Software Developer Jan. 2022 – Jan. 2023
Canada Border Services Agency *Ottawa, ON*
- Built components for a Java-based Database Management System, enhancing system reliability and performance
- Developed a component to **automate email distribution** using **Java, SQL** and **ApachePOI**, saving officers **80%** of their time and increasing operational efficiency
- Built a component that streamlined the storing and populating of boilerplate documents, saving officers hours in manual entry and improving document management efficiency

PROJECTS

Nourish | *Next.JS, Supabase,JSX, SCSS, HTML, Axios, Redux, gpt3.5* | ⬤ Repository 02/2023 – Present
- Nourish, a **dynamic meal plan generator** that produces customized meal plans in under 60 seconds
- Developed a **full-stack** web application using **Next.JS** as the Frontend and Supabase as the Backend
- Used **Redux** for state management and **gpt3.5-turbo** API via **axios** for real-time meal plan generation.

Clarify | *React Native, Electron.JS, flask, python, Expo Go* | ⬤ Repository 02/2023 – 12/2023
- Developed Clarify, a **smart mirror**, which displays media and events for users, streaming morning routines
- Led phone app development for Clarify in an **Agile** team using **Jira**, focusing on intuitive UX with **React Native** and Expo Go.
- A **RESTful** Flask server for backend management, hosted on a Raspberry Pi, displaying the mirror UI

TECHNICAL SKILLS

Languages: TypeScript, Python, Java, JavaScript, HTML/CSS, TailwindCSS
Frameworks: React, Angular, Node.js, Flask, JUnit, Material-UI
Developer Tools: Git, Postgres,AWS(EC2, EBS), Figma
Libraries: Ant Design, Pandas, NumPy, Matplotlib, FramerMotion, Redux, express.js

CERTIFICATIONS

Coursera Deep Learning Specialization | *python, numpy, tensorflow, matplotlib* Apr 2024 – May 2024
- I completed The Deep Learning Specialization by Coursera and Andrew Ng where I extensively utilized Python, NumPy, TensorFlow, and Matplotlib to build neural network architectures such as Sequential LLMs and Transformers