

Alexander Steeves

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WORK EXPERIENCE

Software Developer - Canada Border Services Agency Jan 2022 - Jan 2023

- Maintained and built components of a Java-based Database management system
- Developed a component to automate email distribution saving officers 80% of their time
- Built a component that made storing and populating boilerplate documents seamless, saving officers hours in manual entry.

Data Analyst - Canada Revenue Agency May 2023 - Sept 2023

- Streamlined data processing and analysis through efficient reports via CognosBI.
- Identified a critical data discrepancy between legacy and new database, fixing with Excel and SasViya

Data Analyst - Transport Canada May 2020 - Sept 2020

- Built custom reports to visually display rail and track data to in field agents
- Reverse engineered a complex rail safety equation, adjusting weights to deliver unbiased information.
- Created a Visual Basic script that showcased data to help officers inspect at risk track segments

PROJECTS

Nourish - Meal Plan Generator [🔗 Repo](#)

- Created Nourish, a dynamic meal plan generator that personalizes user experiences. Next.js, Tailwind-CSS, vercel
- Utilized Redux for efficient state management and integrated the gpt3.5-turbo API via axios for real-time meal plan generation. Utilizes Supabase for NoSQL database and user AUTH

Clarify - The Smart Mirror [🔗 Repo](#)

- Developed a full-stack smart mirror, leading the mobile application development with React Native and Expo Go, and designing the UI with Electron.JS for a seamless Raspberry Pi integration
- Implemented a RESTful Node.JS server for robust backend management.
- Worked in an Agile team using Jira for task management

Portfolio [🔗 Repo](#)

- Designed and built an online portfolio to professionally showcase my software projects and social media, utilizing Figma for design and Next.js, TailwindCSS and Framer-Motion.

EDUCATION

2019 - 2024 BAsC Computer Engineering at University of Ottawa (CGPA: 7.0)
Relevant Courses: Databases; Operating Systems; Data Structures and Algorithms; Computer Architecture

SKILLS

- Java, Python, C++, SQL, JavaScript, HTML, CSS, Kotlin, TypeScript, React.js, Node.js, Angular, React Native, Docker, MySQL, PostgreSQL, AWS (EC2, EBS), Firebase, GIT/Github, Web Development