

Aaron Matharoo

aaronsmatharoo@gmail.com | (416)-670-2339 | Richmond Hill, ON

SUMMARY

Resourceful and articulate young professional proficient in problem solving in new environments with major interest in Information Technology, specifically Software Development & Engineering.

ASSETS

Relevant Skills: React, TypeScript/JavaScript (ES6), HTML5 & CSS (Preprocessors & Libraries), State Management (Redux, Context), Databases (PostgreSQL, NoSQL), Node.js & RESTful APIs, Version Control (Git, GitHub), Testing Frameworks (Jest), Expo SDK, React Native

EDUCATION

Wilfrid Laurier University (2018 - 2022)

Waterloo, ON

Bachelor's Degree in Computer Science (with Environmental Science)

- **Coursework:** Computer Programming & Networking, Data Structures, Spatial Data Visualization, Remote Sensing & Image Analysis, GIS & Aerial Technology Automation

PROFESSIONAL EXPERIENCES

City of Cambridge (Affordable Housing Project)

Cambridge, ON

Web Developer

September 2021 - May 2022

- Amplified stakeholder involvement and ease of city officials decision making in Cambridge Housing Project resulting in the highest community engagement for a WLU Capstone Project ever.
- Communicated implications of housing solutions through developing web portfolio SPA built with React, TypeScript, and NoSQL CMS, streamlining component integration and image retrieval.
- Achieved equal opportunity for community engagement by focusing on WCAG 2.0 guidelines and device compatibility with responsive design, rendering images, text, and embedded PDF's.

WLU Blueprint Magazine (Art Magazine)

Waterloo, ON

Front-end Developer

September 2020 - July 2021

- Delivered a 100% increase in art submissions for magazine and streamlined art review process by collaborating with Back-end Developer, designing system enabling world-wide art submissions.
- Optimized existing code base and site performance by 15% as per benchmarking tools, using React, Tailwind, RESTful APIs & Node.js to create fully functional components and custom UI.
- Instrumental in the success of site updates & new publications by handling requests to database, participating in daily meetings, reporting to Chief Editor, and engaging with the Blueprint Team.

PROJECTS

RideCaller

Remote

App Developer & Full Stack Software Engineer

July 2022 - Current

- Increased conversion rates for limo businesses & chauffeur services through conception and development of cross-platform marketplace app using React Native, Expo, and PostgreSQL.
- Enhanced client retention and lead generation via tailored real-time messaging between parties and booking/notification system, complimented by custom UI for business analytics & appointments.
- Ensured widespread user accessibility by prioritizing cross-platform functionality for both Android & iOS while adhering to stringent App Store and Play Store Development Guidelines.
- Optimized communication and payment processing efficiency using Stripe API, while improving reliability via rigorous Jest & Postman testing, continuing operations with new advanced features.