

Aaron Matharoo - [REDACTED]

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SUMMARY

Resourceful professional with a strong passion for Software Engineering, specifically Mobile App & Full Stack Development.

ASSETS

Frontend: (React/React Native, TypeScript/JavaScript, Expo, HTML5/CSS), **Backend:** (AWS Amplify, AWS Lambda, Node.js, Express.js, RESTful APIs), **Databases:** (Amazon RDS, S3, DynamoDB, MongoDB, PostgreSQL, GraphQL, NoSQL), **Version Control:** (Git, GitHub), **Testing Frameworks:** (Postman, Jest), **Native Development Tools:** (Xcode, Android Studio)

PROFESSIONAL EXPERIENCES

Marsmatics

Vaughn, ON

Lead Software Engineer / Lead Developer

August 2022 - December 2023

- Spearheaded development operations & led team of 9 to success in developing cross platform web/mobile applications using React Native, React, AWS, GraphQL, MERN, and Agile (Scrum) methodology for high profile projects.
- Successfully delivered sophisticated financial app for business valued at ~\$100M, integrating AI assistance, invoice/payment processing, voice/video calls over IP & an in-app marketplace with real time messaging.
- Launched the development of reusable components used in subsequent projects to streamline development whilst playing a pivotal role in talent acquisition, expanding team from 5 to 9 skilled professionals.
- Achieved remarkable 93% reduction in build/compilation times & 54% increase in weekly tasks completions, all while holding client facing meetings, reporting to managers/stakeholders, and future proofing projects close to completion.

RideCaller

Remote

Full Stack Software Engineer / App Development Director

April 2021 - August 2022

- Increased conversion rates for limo businesses & chauffeur services by ~15% through conception and development of cross-platform marketplace mobile 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 UI & advanced features.

City of Cambridge (WLU Affordable Housing Project)

Cambridge, ON / Remote

Web Developer

August 2020 - April 2021

- 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 Headless SQLite 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 PDFs.

EDUCATION

Wilfrid Laurier University

Waterloo, ON

Bachelor's Degree - Computer Science