Aaron Matharoo | Toronto, ON

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SUMMARY

Software Engineer with leadership experience and a strong background in producing scalable Web/Mobile Applications. Proven track record of success in delivering enterprise/SaaS solutions in teams at large corporations and high-growth startups.

ASSETS

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

EXPERIENCE

Marsmatics   **Toronto, ON (Hybrid)**

Lead Software Engineer   *August 2022 - December 2023*

- Spearheaded development operations & led team of 9 to success in developing cross platform web/mobile applications for high profile clients using React/React Native, AWS, GraphQL, MERN, and Agile (Scrum) methodology.
- Successfully delivered sophisticated financial app for business valued at ~$100M, integrating OpenAI's API, invoice/payment processing, VoIP & an in-app marketplace with real time messaging using AWS AppSync.
- Launched development of reusable front-end components used in subsequent Web 3 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 meetings, reporting to managers/stakeholders, and future proofing projects close to completion.

RideCaller   **Toronto, ON (Remote)**

Full Stack Engineer / App Development Director   *April 2021 - August 2022*

- Increased conversion rates for limo businesses & chauffeur services by ~15% through conception & development of cross-platform marketplace mobile app using React Native, Expo, and Supabase Postgres Database.
- Enhanced client retention & lead generation via Supabase Realtime subscriptions for new messages, bookings, and notifications between parties, along with complimentary UI for business analytics & upcoming appointments.
- Optimized payment processing by invoking serverless Edge Functions for Stripe API, while improving API endpoint reliability via rigorous Postman testing, continuing operations with new UI & advanced features.
- Ensured widespread user accessibility by prioritizing cross-platform functionality for both Android & iOS while adhering to stringent App Store and Play Store Development Guidelines.

City of Cambridge   **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 unprecedented community engagement for a WLU Capstone Project.
- Communicated implications of housing solutions through developing web portfolio SPA built with React, TypeScript, Next.js, TailwindCSS, and a Headless SQLite CMS (Strapi) 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