Aaron Matharoo | ███████████

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SUMMARY

Lead Software Engineer with management experience and a strong background in producing scalable Web & Mobile Applications. Proven track record of success in delivering software solutions and leading teams at large corporations and high-growth startups.

ASSETS

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

EXPERIENCE

███████████ **(Hybrid)**

Lead Software Engineer   *August 2022 - January 2024*

- Spearheaded development operations & led team of 9 to success in developing cross platform applications for high profile clients using React/React Native, AWS, GraphQL, MERN, and Agile (Scrum) methodology.
- Secured Series-B funding for a client by delivering their financial app that integrated OpenAI's API, invoice/payment processing, VoIP & an in-app marketplace with real time messaging & notifications.
- Optimized development life cycle by promoting code modularity & assigning daily tasks to associate engineers, resulting in a 50% increase in weekly tasks completed & significant team expansion from 5 to 9 skilled professionals.
- Achieved 90% reduction in build & compilation times, held client meetings to ensure project correctness, daily reports to managers/stakeholders, & maintained existing projects already in production.

███████████ **(Remote)**

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

- Increased conversion rates for limo businesses by 15% through conception & development of a cross-platform mobile app using React Native, Expo, and Supabase Postgres Database.
- Enhanced lead generation via Supabase subscriptions for new events/notifications, and employed strategic querying & pagination techniques for high performance & cost management, saving $500 a year in bandwidth charges.
- Streamlined payment processing by invoking serverless Supabase Edge Functions for Stripe API, and overall improving API endpoint reliability via rigorous Postman testing.
- Ensured widespread user accessibility by prioritizing cross-platform functionality for both Android & iOS, while adhering to stringent App Store and Play Store Development Guidelines.

███████████ **(Remote)**

Web Developer   *August 2020 - April 2021*

- Amplified stakeholder involvement and ease of city officials decision making in Cambridge Housing Project resulting in an unprecedented 1,700 Cambridge residents providing their input on the city's project.
- Communicated implications of housing solutions through web SPA built with React, TypeScript, Next.js, TailwindCSS, and a Headless SQLite CMS which streamlined custom component integration & updates.
- Achieved equal opportunity for community engagement by focusing on WCAG 2.0 guidelines, & device compatibility with responsive design, rendering images, text, and embedded PDFs.

EDUCATION

███████████ **University**   ███████

Bachelor's Degree - Computer Science / Environmental Science