Aaron Matharoo | █████████████

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SUMMARY

Lead Software Engineer with management experience & a strong background in producing secure, customer-facing applications. Proven track record of success in delivering software solutions and leading teams at large corporations and high-growth startups.

EXPERIENCE

Lead Software Engineer / Team Lead   *August 2023 - January 2024*

- Spearheaded operations & led team of 9 to success in developing cross platform applications using **React**, **React Native**, **TypeScript**, **CSS**, **AWS**, **GraphQL**, **MERN**, and other modern technologies in an **Agile** environment.
- Delivered 100% increase to clients business valuation with a financial app, integrating **RESTful API's** for payment processing, VoIP, & an in-app marketplace with real time messaging/notifications.
- Achieved 50% increase in weekly tasks completed & 90% reduction in build times while holding client meetings, delegating tasks, leading talent acquisition, & reporting to managers/stakeholders regularly.

Full Stack Engineer / Development Director   *April 2022 - August 2023*

- Increased conversion rates by 15% for limo businesses through conception & end-to-end development of cross-platform mobile app for **Android & iOS** using **React Native**, **Expo**, and Supabase **PostgreSQL** Database.
- Enhanced lead generation via realtime subscriptions for notifications, saved ~$500+ a year in bandwidth charges by employing strategic querying & pagination techniques for performance & cost management.
- Streamlined payment processing with serverless functions for payment API, improved API endpoint reliability via Postman, ensured user accessibility/functionality by adhering to App Store Development Guidelines.

Web Developer   *August 2021 - April 2022*

- Amplified stakeholder involvement by 65% in ████████ Housing Project resulting in an unprecedented 1,700 Cambridge residents providing their input on the city's initiative.
- Communicated implications of housing solutions through web SPA built with **React**, **TypeScript**, **TailwindCSS**, and a Headless **SQLite** CMS which streamlined custom UI component integration & updates.
- Achieved equal opportunity for community engagement by focusing on **WCAG 2.0** guidelines & browser compatibility with responsive design, rendering images, text, and embedded PDFs.

ASSETS

React | React Native | TypeScript | JavaScript | PostgreSQL | Node.js | Express.js | Next.js | HTML5 | CSS | RESTful APIs | GraphQL | SQL | NoSQL | MariaDB | DynamoDB | MongoDB | AWS (Amplify, Lambda, RDS, S3) | Git | GitHub | Postman | MacOS | Linux | Bash | Z-Shell | PowerShell | Windows 11 | Software Installation | Hardware Assembly | Network Administration

EDUCATION — CERTIFICATIONS — ADDITIONAL ASSETS

████████ University

Bachelor's Degree — *Geographic Information Systems & Environmental Science*
   Coursework: *Computer Programming & Networks, Spatial Data Visualization, Data Structures, Geographic Applications*

CompTIA ████
A+ Certification ████████

Microsoft ████
C# Certification ████████

The Hour of Code ████
Core Concepts of Computer Science

TryHackMe / Hack The Box
THM Top 15% Globally

Processing & p5.js
Creative Coding & Generative Art

Blender & Adobe Illustrator
3D Renderings & 2D Graphic Design