

# SAMI RAHMAN

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## Technical Skills

**Programming Languages** | Typescript, Javascript, SQL, HTML, CSS, Python, Java, C#

**Technologies/Frameworks** | React JS, React Native, Git, REST APIs, Pandas, Django, Firebase, Supabase, Expo, Shopify, GCP

## Experience

**Freelance Developer** | *React JS, React Native, Shopify*

**OCT 2022 - CURRENT**

- Built multiple web and mobile projects for various clients from car rental to tuition companies focusing on simplicity, responsiveness and meeting the targets set by clients. All the projects can be found on my portfolio (<https://srmakes.co.uk>)

**VirtualE - Part-Time Front End Developer** | *React JS, Javascript, MongoDB*

**NOV 2024 - CURRENT**

- Collaborated with the backend team at VirtualE to design and implement a robust notification system, refactor existing code, and develop new user-centric features to enhance application performance.

**Threepipe Reply - Developer** | *Python, Pandas, MySQL, React JS*

**OCT 2021 - NOV 2022**

- Spearheaded the development of a dynamic Alteryx/Python/SQL automation leveraging data source APIs, resulting in a 60% increase in productivity for the SEO team.
- Leveraged Python and Pandas for efficient data manipulation and analysis, ensuring accurate insights extraction. Developed a comprehensive tool for analysing marketing trends and identifying AD units, streamlining data collection and storage into a centralised spreadsheet from sources such as TikTok, Snapchat and Facebook.

## Projects

**Quick Teams** (<https://www.srmakes.co.uk/quick-teams>) | *React Native, Expo, Supabase, Clerk*

**NOV 2024 - JAN 2025**

- Developed a cross-platform mobile application utilising React Native and Expo, incorporating offline-first methodologies and real-time data synchronisation via Supabase.
- Implemented modern development practices utilising TypeScript for enhanced code maintainability and leveraged Expo's new router navigation for streamlined, efficient routing, ensuring the application was built with up-to-date technologies.

**Foodii** (<https://www.foodii.co.uk>) | *React Native, Expo, Supabase, React JS, Vercel*

**SEP 2022 - FEB 2023**

- Developed a mobile application/website from the ground up in just five months using React, React Native and Firebase/Supabase. As a solo developer, I am responsible for all aspects of the project, including front-end design, back-end development, testing, architecture and more. The app continues to evolve and grow, providing ongoing opportunities for learning and improvement. This project taught me valuable experience with hooks, APIs, npm packages, IOS/Android and other key technologies while honing my design and user experience skills. I also built and deployed a website to advertise the SaaS product.

**Royz Rental Website** (<https://www.royzrental.com>) | *React, HTML, CSS, Vercel*

**APRIL 2024 - MAY 2024**

- Designed, developed, and hosted a customer-centric car rental website with modern UI and responsive design; implemented SEO strategies and ensured cross-browser compatibility to enhance user engagement and drive significant conversion rates.

**Learnfinty Website** (<https://www.learnfinty.co.uk>) | *React, HTML, CSS, Vercel*

**MAY 2024**

- Developed a Website for a mentoring/bootcamp service in the tech sector which had an outdated Squarespace website into something modern, clean, simple and attractive for customer acquisition. Focus on a system for generating multiple leads

**Admin Dashboard** (<https://sami-dashboard.netlify.app>) | *React JS, Tailwind CSS*

**AUG 2022 - SEP 2022**

- Built and deployed a React Admin Dashboard App with Theming, Tables, Charts, Calendar, Kanban and many more features using the syncfusion library and tailwind CSS as the main building blocks.
- The project also used React Context API, was completely responsive, and had dark and light themes, using modern UI and folder structure practices.

**Family Notice** (<https://github.com/sami246/FamilyNotice>) | *Django, HTML, JQuery*

**SEPT 2019 - JUNE 2020**

- My Final Year Project in which I built a responsive web application that was conceived to be a Trello/Facebook for family members. It consisted of a multitude of functions such as to-do lists, calendar (linked to Google), geo-location and 5 other innovative features that heightened my coding understanding and experience immensely over the long period.
- E.g. Using multiple APIs, such as Google's Maps, utilising unit testing, Django models functionality & deployment via Heroku.

**Travel Advisor Website** (<https://sami-travel-advisor.netlify.app>) | *React JS, Material UI*

**SEP 2022**

- Using React and Google API I created a website which takes the location of the user, or any search input and then displays potential hotels, restaurants or attractions that the user can visit. The UI is done mainly with Material UI, using React best practices, allowing for filters of rating, clicking on the map directs you to further info on the location and many more intuitive features.

## Non-Technical Experience

**Queen Mary University / CFBS / Private - Teaching Assistant / Tutor**

**SEPT 2016 - JUNE 2020**

- In educational institutions, I would teach students in the same year and below modules I would excel in, such as Physics in A-Level, where I would be teaching one-to-one and in groups. Similarly, I was a personal tutor for GCSE students across all subjects.

**SamiAnime Brand - Owner**

**AUG 2016 - OCT 2023**

- At age 15 I began creating a presence on the Youtube platform amassing 100,000 views regularly and building a fan base. Current channel total viewership = 2 million, Total viewership = 23 million

## Education

**Queen Mary University of London | B.Sc in Computer Science**

**Achieving a 1st**

**Relevant Coursework:** Algorithms and Data Structures, OOP, Software Engineering, Database Systems, Computer Systems Networks, User Interface Design, Game Development