

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

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

NOV 2024 - CURRENT

Redefining corporate well-being with a platform that helps companies engage employees, track moods and feedback, and foster a healthier, more productive work environment with a standalone application and specialised features.

- Collaborated with the backend team to design and implement a robust notification system, introduce Pomodoro timer features, and enhance application performance.
- Worked closely with the product team to translate research insights into user-centric features, ensuring alignment with business goals and user needs.
- Took full ownership of feature development, independently architecting, implementing, and refining solutions while ensuring consistency with existing code practices.
- Adapted and refactored legacy code where necessary, integrating new features seamlessly within the existing structure. Maintained a strong focus on code quality, scalability, and maintainability, following best practices to ensure long-term stability.

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 in my portfolio (<https://srmakes.co.uk>)

- **Industries:** Car rentals, education platforms, mobile applications, e-commerce.
- Developed and maintained projects end-to-end, from initial planning and design to deployment and post-launch support.
- Built responsive, accessible, and user-friendly interfaces, ensuring seamless experiences across multiple devices.
- Applied best coding practices such as DRY, SOLID, and modular component-based architecture for maintainable and scalable codebases. Ensured high performance and optimised applications for speed, SEO, and accessibility.
- Integrated third-party services and APIs, including authentication (OAuth, Clerk), real-time databases (Relational & NoSQL), and analytics tools.

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

OCT 2021 - NOV 2022

A full-service agency combining strategy, creativity, and innovation to solve complex marketing challenges in which I contributed to maintaining and advancing data-driven development.

- 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.learnfinity.co.uk>) | React, HTML, CSS, Vercel

MAY 2024

- Developed a website for a mentoring/boot camp service in the tech sector with an outdated Squarespace website to make it 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 was 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 at A-level, where I would teach 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