SAMI RAHMAN

● London, England ● 07747590448 ● samisamadur@gmail.com ● https://github.com/sami246 ● https://www.linkedin.com/in/sami-s-rahman

Technical Skills

Programming Languages | Typescript, Javascript, SQL, HTML, CSS, Python, Java, C#, Next
Technologies/Frameworks | React JS, React Native, Git, REST APIs, Pandas, Django, Firebase, Supabase, Expo, Shopify, MongoDB
Key Skills | FastAPI, Relational Databases, Github, Functional Testing, Design Patterns, Agile Environment, Technical Requirements

Experience

VirtualE - Front End Developer | *React JS, Javascript, MongoDB, Zustand*   *NOV 2023 - CURRENT*

● Spearheaded the rapid development of a full-featured admin onboarding system in just one week, collaborating with backend engineers and owning the front-end architecture. Delivered a seamless UX with state management, editable/sortable tables, form handling, and API integration — accelerating customer onboarding by several weeks.
● Designed and integrated a scalable notification system and Pomodoro timer feature in close coordination with the backend team, resulting in a 24% boost in user engagement through timely feedback loops and productivity tools.
● Partnered with the product team to transform research insights into intuitive, user-driven features, ensuring product direction remained tightly aligned with both user needs and business objectives.
● Modernised and refactored legacy front-end code, seamlessly integrating new features into the existing system while reducing technical debt. Improved load times by 30% through performance tuning, with a strong emphasis on code quality, maintainability, and scalability.

Freelance Developer | *React JS, React Native, Shopify*   *OCT 2022 - NOV 2023*

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*

● 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, alongside collaboration with many other internal teams for their automations
● 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 full-stack 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 full-stack 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 & development, 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 taught students in the same year and below modules I excelled in, such as Physics at A-level, where I taught 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 (Bachelor's degree)*   *Achieving a 1st*
Relevant Coursework: Algorithms and Data Structures, OOP, Software Engineering, Database Systems, Computer Systems Networks, User Interface Design, Game Development