SAMI RAHMAN

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Technical Skills

Programming Languages | Javascript, SQL, HTML, CSS, Python, Java, C#
Technologies/Frameworks | React JS, React Native, Git, REST APIs, Pandas, Django, Firebase, Supabase, Expo

Experience

Foodii - *Lead Developer* (https://www.foodii.co.uk) | *React Native, Expo, Supabase*   **SEP 2022 - CURRENT**
● 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. Through this project, I gained valuable experience with hooks, APIs, npm packages, IOS/Android and other key technologies while honing my design and user experience skills.

Threepipe Reply - *Developer* | *Python, Pandas, MySQL, React JS*   **OCT 2021 - NOV 2022**
● Built a dynamic Alteryx/Python/SQL automation using data source API, which allowed the company's SEO team to save dozens of hours on manually done tedious tasks while maintaining and improving for the duration of employment. This increased productivity by 60% for the SEO team.
● Built Connectors to Brightroll, Amazon, TikTok and more which allowed the company to transition to using new forms of contemporary marketing data daily via APIs using Python and, took charge of SQL tables which were vital in company reporting

Personal Projects

How Old? | *React Native, Expo, Supabase*   *OCT 2023 - CURRENT*
● Multiplatform Mobile Application to keep track of peoples birthdays and ages. Grouping, sorting and notifications features used.

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 as well as 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.

Friender | *React JS, Java*   **SEPT 2018 - DEC 2018**
● As a software engineering project, a group of colleagues and I conceived a web app, from the ground up, including all steps needed for a successful real-world environment such as Domain analysis, Design report etc. We used Java for the back end and React for the front end. The project increased my ability to work in a pressured, time-constrained team, sharpening skills such as supporting and organising fellow team members while aiming to deliver the best end product.

Auction Website (eBay Clone) | *Django, HTML, Ajax, CSS, Postgress*   **SEPT 2019 - DEC 2019**
● Implementing Django framework, Ajax and HTML, using Bootstrap for the main UI. The site included login authentication, bid, search, notification, email and bid tracking functions, to name a few. It is fully responsive and deployed using Openshift.

Recipe Finder Website (https://github.com/sami246/recipe_app) | *React JS, Splide, CSS*   **AUG 2022**
● Simple project using with the key features being: Gathering data from API, using react-router-dom for routing, having a fully functional search bar which uses API query to match recipe to input, and using Splide for seamless movement of cards and modern UI

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. I used this project to become familiar with using Maps API for a project currently being worked on for commercial development.

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 on 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.
● This initiated the creation of a professional website (and other social media platforms) using the Wix platform that regularly had 10000s of monthly views and had great reviews from the community

Education

Queen Mary University of London | *B.Sc in Computer Science*   *Acheiving a 1st*
Relevant Coursework: Algorithms and Data Structures, OOP, Software Engineering, Database Systems, Computer Systems Networks, User Interface Design, Game Development