Mohammad Afsari

Front-End Developer

A passionate self-taught junior front-end developer with an extensive background in data engineering.

CONTACT

Farringdon
London, UK

Mohammad.Afsari.pro@gmail.com

+44 (0) 754 2454 074

HOBBIES

EDUCATION

Master's Degree in Civil Engineering (MEng Hons)

Result: 1st class

City, University of London
2013-2017

TECHNICAL PROFICIENCIES

- HTML5, CSS3, JavaScript, TypeScript, ES6/ES2015
- React (hooks, router, zustand, react-query)
- SQL (T-SQL, PostgreSQL, Supabase)
- MaterialUI, Bootstrap
- Python (pandas, matplotlib, numpy, sklearn, beautifulsoup)
- PowerBI dashboards (Power Query M / DAX)
- Microsoft Office (Access, Word, Excel, PowerPoint and Outlook)
- Version control using Git

EXPERIENCE

Strife – Chatroom application

- A full stack chatroom application built to make talking across multiple chatrooms easy for users. Built using Supabase to set up authentication and a postgres database with tables, functions, policies, and triggers to store application data.
- Used zustand to simplify state management for synchronous functions and react-query for asynchronous functions across the component hierarchy.
- Used react router version 6 to set up public and private routing across the application.
- Built with React, Typescript, Supabase, zustand, react-query, postgresql and MaterialUI.

MDT Analytics – Landing page

- A landing page application built for an analytics consultancy MDT Analytics.
- Used Dribbble and Figma to design a prototype design for the application.
- Styling carried out in CSS3 with extensive use of flexbox and grid.
- Used react router version 5 to set up routing across the application.
- Built with React, Javascript, CSS3, particlejs, Figma, and Dribbble.

Organise – A task organising application

- A to-do list application where users can store and filter through their tasks and notes in a calendarlike fashion all saved to local storage.
- Built with HTML5, CSS3, vanilla Javascript.

PROFESSIONAL EXPERIENCE

Data Engineer
Cognizant ~ September 2021– Present
- Working with the European Tyre Enterprise Limited (ETEL) to cleanse, transform and migrate their data from their legacy systems into Salesforce and BI platforms using postgresql.

Graduate Engineer | Data Engineer
Mott MacDonald Ltd ~ September 2017 – September 2021
- Responsible for writing data migration algorithms to transfer data from Highways England's Geotechnical Database Management System (HAGDMS) into a new GDMS system.
- Experience providing clients automated monthly performance reports using HTML/CSS, Javascript and T-SQL to collate, analyse and present data.