MURAD KAMALI

SOFTWARE ENGINEER

📱 +44 7305 581 194 ✉ muradk2512@gmail.com 🌐 muradkamali.co.uk in Murad K ⬤ Murad-code

SKILLS

PROGRAMMING
Java • Node.js • JavaScript • TypeScript

FRONT-END
Reactjs • Nextjs • TailwindCSS • HTML/CSS

BACK-END
MySQL • MongoDB • Firebase • AWS • GraphQL

EDUCATION

BSC COMPUTER SCIENCE WITH PLACEMENT
Brunel University, London

2019-2023

- Achieved a 1st Class in my first and second year and is expected for graduation.

EXPERIENCE

SOFTWARE ENGINEER
Clock.

2021 - Present

- Full stack software engineer collaborating with Clock's diverse range of web development clients across various industries such as news (WSJ, The Telegraph Extra, TimesPlus), gaming (Epic Games, Riot Games), and sports (Gloucester Rugby, Northampton Saints, Leicester Tigers).
- Involved in end-to-end development for client projects, including custom CMS setup, building and updating CMS functionality, writing unit tests, contributing to the QA process through PR reviews, updating CI tools when needed, and developing custom MongoDB scripts for database refactoring.
- Adapted to different technology stacks while working on a variety of projects, utilising the Jade template engine for older projects and Next.js, TypeScript, and GraphQL for newer React projects.
- Refined my communication & interpersonal skills to articulate ideas and thoughts clearly to non-technical team members and clients.

TECHNICAL PROJECTS

CAR PRICE PREDICTOR

Developed an AI-powered web application for predicting current and future prices of cars

React • TypeScript • NextJs • Python

- Developed an interactive UI using React and TypeScript, enabling form input and dynamic interaction with results presented graphically through an interactive line chart.
- Built multiple random forest regression AI models utilising input features such as manufacturer, model, age, mileage, annual mileage, and transmission.
- Gathered and processed extensive datasets on the UK used car market, used for training the AI models.

SORTING ALGORTIHMS VISUALISER

A webapp to simulate and demonstrate different sorting algorithms for students

React • Javascript • HTML/CSS

- Implemented Merge Sort, Bubble Sort, Insertion Sort, and Quick Sort.

HOME FITNESS

Uni group project (team lead), fitness website designed for people working out

Java • Spring Boot • MySQL • React • JavaScript • MUI

- Applied Material UI with React to build constantt theme for website design.
- Created a MySQL server to store website/user data.
- Implemented REST API using Java and Spring Boot.

FOOD FINDER

MERN full-stack website for finding nearby restaurants/cafes

React • JavaScript • MongoDB • YELP API • Google OAuth

- Displays information such as: images, location, ratings, type of food.
- Implemented Yelp Fusion, Google OAuth and REST API to store favourites to MongoDB database.