Jhelan Suggun
MEng Mechanical Engineer with Software Speciality

📱 07496722220 | ✉ jksuggun@hotmail.co.uk | 🌐 Portfolio Website | in LinkedIn | ○ Github Projects

SKILLS

Front End: HTML, CSS, Javascript, ReactJs, Bootstrap, Material UI
Back End & Databases: NodeJs, Express, MongoDB, mySQL, Firebase
Other Technologies: Python, C, GIT, GitHub, VSCode,

PROJECTS

Portfolio Website

- Developed a responsive JavaScript and React application to showcase my skills, projects, and professional background whilst presenting my expertise effectively.

FireBlog

- Developed FireBlog, a responsive blog application using JavaScript, React, and Firebase, supporting multiple authentication methods such as Google, GitHub and Facebook.
- Implemented secure user authentication and authorization, safeguarding personal posts from unauthorized access.
- Designed a user-friendly interface for seamless post creation and leveraging firebase's database for efficient content management.

Social Stock Analysis

- Developed a dynamic application with React, Node.js, and REST APIs, providing valuable market sentiment data on pie and stacked bar charts.
- Implemented seamless user experience by fetching accurate data from multiple APIs based on user input, enabling informed decision-making.
- Designed an intuitive interface with a news section for up-to-date stock information, enhancing market understanding and usability.

Quiz Game

- Developed a responsive application using React, Node.js, and MongoDB, enabling personalized account creation, engaging quizzes, and leaderboard competition.
- Implemented secure account creation and login processes, encrypting user information and utilizing JWT token encryption for authentication.
- Designed a personalized dashboard with visual representations of quiz performance, including a doughnut chart for points and a dynamic line chart for time spent, enhancing user experience and providing insights for improvement.

Crypto Tracker

- Developed a responsive application using React, Node.js, and REST APIs, offering real-time cryptocurrency price action data in an intuitive chart format.
- Achieved accuracy and timeliness in displaying price data, empowering users to make informed decisions based on market trends.
- Implemented user-friendly search and interactive watchlist features, accommodating various cryptocurrencies and providing personalized data for quick access and management.

WORK EXPERIENCE

Emergency Department Receptionist NHS Apr 2023 - Present

- Leveraged advanced IT systems management and attention to detail to optimize patient data accuracy, while demonstrating problem-solving and collaboration skills essential for effective patient care.

EDUCATION

MEng Mechanical Engineering (First Class Honours) University of Southampton Sep 2018 – Jul 2022

A Level (A*AB – Maths, Physics & French) Loxford School Sep 2015 – Jul 2017