Muath Khalifa

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EDUCATION

University of Reading,
BSc, Computer Science (final year)   2nd Year: First Class

Projects

Twitter Clone - TypeScript, firebase authentication and mongodb

- Developed a Twitter clone with comprehensive functionalities, including user authentication (handled by Firebase), account management (login, sign-up, password retrieval), and social features like posting tweets and comments. Employed a tech stack comprising MongoDB for data storage, Express.js for backend API, React for interactive frontend, and Node.js for server-side logic. Implemented Redux Toolkit and the context API for efficient state management. Tailwind was utilized for styling.
- The application's server was deployed on Render.com and the frontend on Netlify.

Video Streaming App - TypeScript and Postgresql

- Bachelor's thesis project involves building a video streaming platform connecting celebrities and fans. Fans can pay for personalized shoutouts. Implemented using Firebase Authentication, AWS S3 for storage, TypeScript for code clarity, and PostgreSQL for data management. Facilitating direct connections and transactions between celebrities and fans.

Job Board Website - Typescript and MongoDB

- Built a user-friendly job posting website with React, MongoDB, Tailwind, Redux Toolkit, and Nodejs. Enables easy job posting and saving, with job seekers able to filter listings by name and location. Improved user experience with a 'show more' button. MongoDB and Express manage backend operations and store job listings and user data. Demonstrates proficiency in developing responsive web applications with modern technologies.

Skills and Interests

Languages: JS, Python Java and C/C++. Currently learning C-Sharp/.Net.
Databases: MongoDB and Postgresql
Data Structures and Algorithms.