

Muath Khalifa

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EDUCATION

University of Reading (3rd year)

2021-2024

BSc, Computer Science (final year)

Internship

Software Engineering Intern Sabratha Clinic (June 2023 - September 2023)

- Developed and implemented a PostgreSQL table to manage the new child bearing department.
- Learned performance optimizations, including indexing and query optimization.
- Collaborated with healthcare professionals to address inefficiencies in workflows.

Projects

Video Sharing Full stack - TypeScript and Postgresql: A video streaming platform that connects celebrities and fans.

- Leveraged React Router for a structured and navigable layout.
- Implemented Firebase authentication and PostgreSQL to manage user login information and store crucial data.
- Built custom hooks to abstract code, and used Context API, TypeScript, and Vitest library for efficient global state management, error mitigation, and reliable component testing.
- Hosted Client, server and db on Render and used AWS S3 for file management

Twitter Clone - TypeScript, Firebase, MongoDB and Redux

- Developed a Twitter clone with comprehensive functionalities, including user authentication, posting tweets, commenting, and liking functionality.
- Implemented Redux to manage state, and Context API to manage authentication.

Unity Game in C# and Open Source Projects

- Developed a Unity game in C#, inspiring exploration into C# and ASP.NET. Parallels with Java eased the transition. Node JS and Full stack development background facilitated adapting to C# web services.
- Actively looking for open source project to contribute to, currently interested in an open sourced file management startup called spacedrive

Skills and Interests

Languages: Javascript, Java and C/C++. Currently learning C-Sharp/.Net.

Full Stack Development: Typescript, React/React native, Node js, Express, CSS/tailwind

Databases: Postgresql, MongoDB and Firebase.

Other: Git, Linux, AI modeling, Unity, DS&A, Postman, Debugging, Testing, Expo.