Muzi Dube

muzidube.com   **muzidube1@gmail.com**   **github.com/muzidube**   **07943811748**

TECHNOLOGIES

Javascript, React, Vue.js, HTML5, CSS3, MongoDB, Express, Node, Git, Firebase, Webpack, Tailwind, Typescript

PROJECTS

Animeboxd – animeboxd.com **–** Solo Built

- Vue.js, Typescript, Express, Node, Tailwind
- Sleek anime tracking site which users log in to using their My Anime List account.
- Users can update their various watchlists from My Anime List as the site uses the My Anime List API.
- I created this site as the My Anime List site looks outdated and wanted to create a modern take on it.

Consoom – consoom.co.uk **–** Solo Built

- MERN Stack (MongoDB, Express, React, Node), Javascript, GraphQL, Tailwind
- Entertainment tracking app.
- Users can create an account, add movies/tv shows, books and video games to lists (watchlist, favourites, watched).
- Site uses TMDB, New York Times, IGDB and RAWG APIs.

Co-Lab – co-lab.vercel.app – Solo Built
- React, Javascript Cloud Firestore/Firebase, Tailwind
- Music collaboration social media site.
- Users can create accounts and upload clips/snippets of music they have been working on.
- Other users can then download and add to them, remix them, sing over them etc.
- Intention is for like-minded musicians to find each other and collaborate on music.

EXPERIENCE

Engineer – Crouch Waterfall   **Aug. 2021 - Present**

- Completion of on-site structural surveys and inspections.
- Design completion and design checks of rail bridges.

Assistant Engineer – Kier   **Feb. 2020 – Aug. 2021**

- Design lead on multiple highway bridge projects involving structural analysis.
- Completion of risk assessments, health and safety documents and environmental packs for on-site construction projects.
- Project leader and supervisor to graduates and mentoring staff.

Assistant Engineer – Amey   **Jun. 2015 – Jan. 2019**

- Project manager on joint replacement schemes, support structure installations, navigation light repair and other bridge repair, maintenance, and new structure installations.
- Supervision of large-scale trackside concrete pouring for Great Western Electrification Contract.
- Designing and checking calculations for reinforced concrete manhole CSO chambers and pipes as part of flood alleviation project in Glasgow.

EDUCATION

The Odin Project   **Jun. 2021 - Dec. 2021**
- Full Stack Javascript Course

University of the West of Scotland   **Jun. 2015**
- Bachelor of Engineering: Civil Engineering (Honours)

- HNC Civil Engineering