



Muhammad Umar Shakeel

FRONT END DEVELOPER

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| Date of Birth: 3 August 2000 | Nationality: Pakistan

Education

Constructor University (previously known as Jacobs University Bremen)

B.SC IN COMPUTER SCIENCE

Bremen, Germany

Feb. 2020 - June 2023

Beaconhouse School System

INTERNATIONAL BACCALAUREATE (IBDP) | GRADES: 37/45 BANDS

Lahore, Pakistan

Sept. 2017 - May. 2019

- **Notable achievements:** Only student out of top 150+ international IB students to be awarded a 1500 USD scholarship during International World IB Conference in Hong Kong. Attended conference to raise awareness about education inequality for women.

Experience

genese.de GmbH

Bremen, Germany

ANGULAR FRONT END DEVELOPER (INTERNSHIP AND WERKSTUDENT)

October. 2021 - Current

- Successfully planned and implemented NgRx state management library and replaced previous implementation of using Angular services to manage state
- Used SignalR in combination with NgRx to enable ability for multiple instances of application to maintain consistent state across different browsers
- Optimized and decreased application build size by more than half by implementing lazy loaded routes and Webpack dynamic imports
- Completely redesigned and rebuilt front-end UI design using Angular Material UI and Tailwind CSS
- Maintaining and adding new features to improve user experience and website responsiveness

Skills

Front-end Angular, React.js, NgRx, Rx.js, Redux, JavaScript, Tailwind, Material UI, HTML5, CSS

Back-end .NET, Entity Framework, SignalR, REST API, SQL, PostgreSQL (Supabase), Google Firebase

Programming JavaScript, Python, C/C++, C#, Arduino

Developer tools Git, GitLab, VS Code, Netlify

Languages English (native level), German (B1), Urdu (native level)

Projects

Personal Portfolio Website: <https://umar-00-portfolio.netlify.app/>

CharityMeet

CLICK HERE: CHARITY MEET

- Personal full-stack project made using React, Supabase and PostgreSQL
- App State management implemented using Zustand library
- Front-end design made using Material UI components library
- Charity organisations can post, delete and edit events, including specifying the location of events
- Charity volunteering users can search for charity events near a chosen address
- Maps and places search auto-complete implemented using Google Maps and Places API

Twitter Clone

CLICK HERE: TWITTER CLONE

- Built with React.js and Tailwind CSS. Made fully responsive for mobile and desktop
- App State management provided through Redux and Redux-Persist implementation
- Users can sign-up/log-in using personal Email or Google's Sign-in functionality; each logged-in user has a unique profile, the ability to change their Display Name and Profile Photo, and ability to send new Tweets (optionally with pictures) that are visible to every other user
- Tweets are sent and retrieved from a Google Firebase server in real time