Muhammad Umar Shakeel

FRONT END DEVELOPER

Goethestr., 27576, Bremerhaven, Germany

+49 15236244504 | umarshakeel002@gmail.com | umar-00-portfolio.netlify.app/ | umar-00 | umar-00

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

Education

Constructor University (previously known as Jacobs University Bremen)   *Bremen, Germany*
B.SC IN COMPUTER SCIENCE   *Feb. 2020 - June 2023*

Beaconhouse School System   *Lahore, Pakistan*
INTERNATIONAL BACCALAUREATE (IBDP) | GRADES: 37/45 BANDS   *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, resulting in substantially improved scalability and maintainability of codebase
- Used SignalR in combination with NgRx to enable multiple instances of application to maintain consistent state across different browsers
- Utilized .NET Entity Framework to extend and enhance back-end entity models by adding new properties and relationships, resulting in improved data accuracy and increased application functionality
- Optimized and decreased application build size by around 60% 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, TypeScript, NgRx, RxJs, 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