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, Germany*

B.Sc in Computer Science   *Feb. 2020 - June 2023*

Experience

genese.de GmbH   *Bremen, Germany*

Angular Front End Developer (Werkstudent)   *October. 2021 - Current*

- Developed and maintained front-end components and features using Angular, resulting in a robust and user-friendly web application
- Enabled seamless communication between Angular front-end and .NET back-end by effectively consuming RESTful APIs, leading to efficient data retrieval and enhanced application functionality
- Successfully implemented NgRx state management as the sole responsible developer, replacing previous implementation of using Angular services to manage state. Resulted in substantial improvements in codebase scalability and maintainability
- Leveraged ASP.NET Core SignalR and NgRx to establish seamless state synchronization across multiple instances of the application, ensuring consistent data and user experience across different browsers
- Significantly reduced the application's initial chunk size by approximately 60% through the implementation of lazy loaded routes and dynamic imports using Webpack
- Revamped the front-end UI design by completely redesigning it with Angular Material UI and Tailwind CSS. The new interface resulted in a modern and visually appealing user experience, improving usability and engagement
- Resolved complex bugs and technical issues, employing strong problem-solving skills and in-depth debugging to maintain application stability
- Actively participated in agile development, including sprint planning and daily stand-ups, ensuring timely delivery of high-quality features

Projects

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

CharityMeet

Click here: Charity Meet

- Created using React, Material UI components library, and Google Maps JavaScript API for front-end design and interactivity
- Utilized Supabase and PostgreSQL as the back-end database to store and manage data for charity events and user information
- Implemented state management using Zustand to efficiently manage the application's data and state changes
- Developed a user-friendly interface that enables charity organizations to post, delete, and edit charity events onto a Google Maps overlay
- Enabled volunteers to filter and discover nearby charity events based on their chosen address through a radius-based search feature
- Incorporated the auto-complete functionality from the Google Maps Places API, allowing users to search for addresses with ease and efficiency

Twitter Clone

Click here: Twitter Clone

- Developed a Twitter clone using React and Tailwind CSS, and implemented a responsive design approach to ensure seamless user experience across mobile and desktop
- Implemented robust state management for the Twitter clone application using Redux and Redux-Persist
- Enabled multiple authentication options (Email and Google Sign-in). Users have unique profiles, enabling customization of display name and profile photo. Implemented real-time tweet functionality with optional picture attachments
- Established real-time communication using Google Firebase Realtime Database, enabling seamless sending and retrieval of tweets

Skills

Front-end	Angular, React, TypeScript, REST API, 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
Tools	Git, GitLab, VS Code, Netlify, Photoshop, Gimp
Languages	English (native level), German (B1), Urdu (native level)