



Muhammad Umar

FRONT END DEVELOPER

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Personal Portfolio: <https://umar-00.github.io>

Education

Jacobs University Bremen

Bremen, Germany

B.SC IN COMPUTER SCIENCE

Feb. 2020 - Present

- **Computer Science courses taken:** Algorithms and Data Structures (Python and C++), Introduction to C and C++, Intro to Computer Science
- Currently studying in 3rd out of a total of 6 semesters

Beaconhouse School System

Lahore, Pakistan

INTERNATIONAL BACCALAUREATE (IBDP)

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

Skills

Front-end React.js, Redux, React Router, JavaScript, TailWind CSS, Styled Components, Material UI, Chakra UI, HTML5, CSS

Back-end REST API, Google Firebase, JavaScript Fetch API

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

Developer tools Git, VS Code

Languages English (native level), German (A2), Urdu (native level)

Projects

Personal Portfolio Website: <https://umar-00.github.io>

React Movie Website

CLICK HERE: REACT MOVIE WEBSITE

- Built with React.js and Styled Components. Made fully responsive for mobile and desktop
- The Movie DB API used with JavaScript's Fetch API to retrieve movie database
- Database used to display most popular movies on homepage. Each movie has its unique view page which shows its details and displays a list of actors

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
- User accounts authenticated by Google Sign-in functionality. Each logged-in user has a unique profile and ability to send new Tweets that are visible to every other user
- Tweets are sent and retrieved from a Google Firebase server in real time

Disaster Event Tracker

CLICK HERE: DISASTER EVENT TRACKER

- Fully responsive website made with React.js and CSS
- NASA EONET REST API used to display real-time world natural disasters on a Google Maps overlay provided by Google Maps JavaScript API

Experience

Lahore Grammar School International

Lahore, Pakistan

ARDUINO TEACHER

Sept. 2019 - Dec. 2019

- Successfully initiated school's first ever Arduino Robotic Workshop
- Teaching Arduino to 90 different students ranging from Grade 6-12
- Creation of Arduino IOT Projects:
 - Wireless Arduino powered RC car, controlled remotely using an Android app and through a HTML page
 - Automatic compost bin made using Arduino, transistors, motors, and operated through WIFI connectivity