

Usama Asghar

Software Engineer

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Seeking an Entry level job position in order to build a long-term career by investing the best of my technical knowledge & educational Qualification and to serve the organization with an outstanding output.

EDUCATION

University of South Asia <i>BSCS</i> <i>CGPA: 2.9</i>	Lahore 2020-2024
Govt M.A.O. Graduate College <i>Intermediate</i>	Lahore 2018-2020
Sacred Heart Cathedral High School <i>Matriculation</i>	Lahore 2018

TECHNICAL SKILLS

Programming Languages: C++, Java, Javascript
Javascript: React JS, Redux , Node JS, Express JS
Database: MongoDB, SQL
Tools: VS Code, Git, Github
Data Structures and Algorithm
Object Oriented Programming

PROJECTS

Tutor Finder Application / Node JS, Express JS, MongoDB, Bootstrap

- We developed a comprehensive Tutor Finder Application as our Final Year Project, which facilitates seamless registration and profile management for both students and teachers. Key features include dynamic profile editing and advanced search capabilities, allowing students to filter tutors by location, subjects, and username. Real-time chat functionality enables instant communication between users for discussing requirements and scheduling lectures.
- Users can negotiate lecture frequency, pricing, and mode of delivery (online or physical). For physical classes, location details are shared within the chat interface, while online sessions are hosted seamlessly. An integrated payment gateway ensures secure transactions between students and tutors.
- We utilized Bootstrap for frontend development, and Node.js with Express.js for backend functionalities, employing MongoDB for efficient data storage. JWT was implemented for robust authentication and authorization mechanisms, while WebSockets were leveraged to enable real-time chat functionality.

File Sharing App / MERN

- Developed a MERN stack file-sharing app where users can securely upload files, stored on the server with unique shareable links. Implemented a responsive React.js front-end for an intuitive user interface and utilized MongoDB for efficient data management. Enabled other users to download files using the generated links, showcasing practical full-stack development skills and emphasizing user-centric design.

Meme Generator / React JS

[link](#)

- Built This project using React JS and React Hooks Where Images are being Extracted from an external API. User gets the desired image and then add text he wants.

FakeStore / React JS

[link](#)

- Designed and implemented an e-commerce web application using modern front-end technologies to provide users with seamless online shopping experience. The project utilized React.js, Redux Toolkit, React Hooks, and React Router for state management, user interface development, and routing.

- Dynamically fetched product data from the Fakestore API and displayed it to users in an organized manner. Implemented a category filtering feature to allow users to browse products by categories, enhancing the user experience. Users can add products to their shopping cart, view the contents of the cart, and remove items from the cart as needed. Utilized Redux Toolkit for efficient state management, ensuring data consistency and scalability. Utilized the Fakestore API to retrieve real product data, providing users with a realistic shopping experience.