

# 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

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<b>University of South Asia</b> <i>BSCS (Semester 8)</i> <i>CGPA: 2.93</i>	Lahore 2020-2024
<b>Govt M.A.O. Graduate College</b> <i>Intermediate</i>	Lahore 2018-2020
<b>Sacred Heart Cathedral High School</b> <i>Matriculation</i>	Lahore 2018

### TECHNICAL SKILLS

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

### PROJECTS

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#### Tutor Finder Application / MERN

- We are currently in the process of developing a comprehensive MERN stack Tutor Finder Application as our Final Year Project, which will facilitate seamless registration and profile management for both students and teachers. Key features will include dynamic profile editing, advanced search capabilities allowing students to filter tutors by location, subjects, and username. Real-time chat functionality will enable instant communication between users for discussing requirements and scheduling lectures
- Users will be able to negotiate lecture frequency, pricing, and mode of delivery (online or physical). For physical classes, location details will be shared within the chat interface, while online sessions will be hosted seamlessly. Integrated payment gateway will ensure secure transactions between students and tutors.
- Utilizing React.js for frontend development, and Node.js with Express.js for backend functionalities, we are employing MongoDB for efficient data storage. JWT will be implemented for robust authentication and authorization mechanisms, while WebSockets will be 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.