






Muhammad Umair Shad

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Summary

MERN Stack Developer with a strong foundation in **Computer Science (Bachelor's)** and hands-on experience in full-stack web development. Key skills include MongoDB, Express.js, React.js, and Node.js, with a focus on developing **scalable** and **secure applications**. Proven ability to design and implement **RESTful APIs**, integrate external services effectively, and **build responsive user interfaces**. Proficient in using **GitHub** for version control and **deploying applications** on platforms such as **Render** and **Vercel**. A collaborative team player committed to continuous learning and delivering high-quality software solutions.

Education

The Islamia University of Bahawalpur

Feb-2021 – Jan-2025

– Bachelor of Science in Computer Science (BSCS)

CGPA: 3.57/4.00

Technical Skills

– Programming Languages	HTML, CSS, JavaScript, PHP
– Frameworks & Libraries	React, Redux Toolkit, Context API, Node.js, Express, EJS, Tailwind CSS
– Backend & APIs	RESTful APIs, Authentication, Role-Based Access Control (RBAC)
– Database Management	MongoDB, MySQL
– Development Tools	Visual Studio Code, Postman, MongoDB Compass
– Version Control	Git, GitHub

Work Experience

MERN Stack Developer (Internship) | Magma3c Pvt. Limited

May 2024 – July 2024

- Built full-stack web apps with React, Node, Express, and MongoDB, ensuring seamless frontend-backend integration via RESTful APIs.
- Optimized performance with dynamic data sync, reducing page reloads.
- Developed secure authentication with login, session management (Cookies, Express Sessions), and RBAC for access control.
- Integrated Cloudinary for fast and reliable image storage.

MERN Stack Developer | Fairchance for CRM

Jan 2025 –Present

- Led the development of key features for **full-stack CRM** web applications using React, Node.js, Express.js, and MongoDB, ensuring robust RESTful API communication and data flow.
- Significantly improved application performance by architecting and implementing optimized dynamic data synchronization strategies, resulting in measurable reductions in page load times.
- Designed and implemented comprehensive security measures, including secure authentication protocols with login, advanced session management (Cookies, Express Sessions), and fine-grained Role-Based Access Control (RBAC) to protect sensitive user data..
- Took ownership of specific modules and features, contributing to architectural decisions and driving the delivery of high-quality, user-centric solutions.

Projects

Auction and Bidding System | FYP

Technologies: React.js, Redux, Tailwind CSS, Node.js, Express.js, MongoDB, Cloudinary

- Built a full-stack auction and bidding platform for real-time item listings and bidding.
- Managed state efficiently with Redux Toolkit for smooth user interactions.
- Designed a responsive, modern UI using Tailwind CSS for better usability.
- Developed secure backend APIs with Node.js, Express.js, and MongoDB for data management.

[GitHub Repository](#) [Live Demo](#)

Chat App Using Socket.io

Technologies: React.js, Node.js, Express.js, MongoDB, Socket.io

- Developed a real-time chat application with Socket.io supporting multiple users communication

[GitHub Repository](#)