

MUHAMMAD USMAN

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

I'm a Computer Science student specializing in full-stack web development with the **MERN stack** and **Next.js**. I focus on building responsive, user-friendly websites and have successfully collaborated on diverse software projects. Dedicated to delivering high-quality applications that perform seamlessly across devices, I continually strive to expand my skills and stay at the forefront of modern web technologies.

EXPERIENCE

NEURONEX

Full Stack Web Developer

Aug 2024 - Present

Developed and maintained multiple platforms, including a studio booking system, a full-featured voice-over marketplace, and a custom CRM, using the MERN stack and Next.js. Implemented real-time features with Socket.IO, integrated secure payment processing via Stripe, and built intuitive admin dashboards for analytics, management, and performance optimization.

PROGRAMMERS TECH

MERN Stack Summer Intern

Jun 2024 - Jul 2024

Completed a summer internship in MERN stack development, maintaining websites, fixing bugs, and improving features for live client projects.

EDUCATION

COMSATS UNIVERSITY, LAHORE

Bachelor of Science (B.Sc.) in Computer Science

Jan 2022 - Present

Currently in the final semester of BS Computer Science. Key coursework includes OOP (Java), Data Structures & Algorithms (C++), Databases (SQL Server), Operating Systems, Digital Image Processing, Computer Networks, Assembly Language, Theory of Automata, Web Technologies, Machine Learning, Computer Vision, Robotics, Compiler Construction, and Parallel & Distributed Computing.

IDEAL GROUP OF COLLEGES, SHEIKHUPURA

Higher Secondary School Certificate (F.Sc.)

Jul 2019 - Sep 2021

Completed F.Sc. (Pre-Engineering) with core subjects in Mathematics, Physics, and Chemistry.

SKILLS

TECHNICAL SKILLS

- **Full Stack Development:** React / Next.js, Node.js, Express, Python Flask
- **Programming Languages:** JavaScript, TypeScript, Python, Java, C++, HTML, CSS
- **Frontend:** React.js / Next.js, Tailwind CSS, ShadCN UI, Redux, Framer Motion, Firebase
- **Backend:** Node.js, Express, Python Flask, GraphQL, Socket.IO, Stripe
- **Databases & Storage:** MongoDB, Firebase, PostgreSQL, MySQL, SQLite, Prisma
- **Tools & Platforms:** Git / GitHub, VS Code, Postman / Insomnia, Vercel, CI/CD Pipelines

SOFT SKILLS

- Problem-Solving
- Communication
- Time Management
- Teamwork

PROJECTS

You can explore all these projects on my GitHub repository: github.com/Muhammad-Usman21

CaseVox – Voice-Over Platform

A comprehensive platform connecting voice-over professionals with clients, featuring real-time communication, streamlined order management, advanced analytics for administrators, and customizable artist profiles with demo uploads.

Link: <https://casevox.net/>

Sesion Agendada – Studio Booking

A platform enabling users to browse, book, and manage studio reservations with ease. Features real-time chat for client-studio communication, Google Calendar integration for seamless scheduling, and a streamlined booking experience.

Link: <https://sesionagendada.com/>

Parallel Document Search Tool

A high-performance tool leveraging parallel computing to rapidly search for patterns across multiple files and extract specific headings or sections from diverse research papers.

Link: <https://parallel-searching-frontend.vercel.app/?tab=text>

Real-Time Chat Web Application

A MERN stack-powered real-time chat platform featuring instant messaging, secure user authentication, and WebSocket communication using Socket.IO for seamless, live interactions.

Link: <https://mern-chat-c3ph.onrender.com/>

MERN Blog Web Application

A full-stack blogging platform featuring user authentication, post creation, commenting, and an admin panel for comprehensive content management.

Mobile Store Management System

A management system for mobile stores, facilitating inventory tracking, sales processing, and supplier coordination. Utilizes SQL databases to ensure efficient and reliable data management.