

Sadiq Hussain

Full-Stack & AI Software Engineer

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Portfolio: [sadiqtech.dev](#) | [GitHub](#) | [LinkedIn](#)

PROFESSIONAL SUMMARY

Results-driven Full-Stack & AI Software Engineer specializing in scalable JavaScript/TypeScript architectures (Next.js, React, Node.js) and high-performance Python backends (FastAPI). Proven expertise in building low-latency real-time voice/video streaming pipelines (LiveKit, WebRTC, Socket.io), multi-tenant SaaS platforms, and LLM-driven automation systems. Track record of delivering 30+ production-grade web applications showcased on [sadiqtech.dev](#).

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, PHP, HTML5, CSS3

Frontend Frameworks: Next.js, React.js, Tailwind CSS, Redux, Zustand, Responsive UI Design

Backend & APIs: Node.js, Express.js, FastAPI, RESTful APIs, WebSockets, WebRTC, LiveKit, Socket.io

AI & Real-Time Systems: LiveKit Agents, Groq API, OpenAI API, RAG Pipelines, Vector Indexing, Speech-to-Text / Text-to-Speech

Databases & Cloud Services: MongoDB, MongoDB Atlas, Vercel, Render, Cloudflare, cPanel, Git / GitHub

Automation & Tooling: @whiskeysockets/baileys (WhatsApp Automation), Meta Pixel, Visual Studio, CapCut

FEATURED PROJECTS

ALLOGO Mobility & Transport Ecosystem

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

- Architected a full-stack transport and logistics platform supporting rides, deliveries, and rentals for 5,000+ active users.
- Engineered real-time Socket.io communication channels, interactive mapping modules, and low-latency pricing negotiation flows.

Intelligent AI Chatbot & Real-Time Handoff Engine

React, Python, FastAPI, Socket.io, MongoDB

- Developed a multi-tenant NLP chatbot backend using FastAPI, handling 1,000+ monthly interactions with instant Web-Socket handoffs.
- Implemented conversation state synchronization, session logging, and automated history storage securely via MongoDB.

ClinicCare Appointment Booking Platform

React, Node.js, Express, MongoDB, Tailwind CSS

- Built a high-performance healthcare scheduling portal connecting patients with medical professionals via automated slot allocation.
- Optimized frontend asset delivery and API response rendering, achieving a 100% performance score across devices.

Online Quran Academy — Real-Time Streaming Platform

React, Node.js, Express, MongoDB, Video API

- Designed an interactive virtual education platform supporting 5,000+ active students with live video lesson streaming.
- Created robust student progress analytics, automated quiz evaluation systems, and digital completion engines.

EXPERIENCE

Full-Stack & AI Developer (Freelance / Contract)

Bahawalpur, Pakistan | 2024 – Present

- Design, develop, and deploy production web applications, custom AI pipelines, and client web systems via [sadiqtech.dev](#).
- Build high-converting Next.js landing pages, manage secure Cloudflare DNS, and integrate custom third-party APIs for global clients.

Web Development Instructor

Codes Thinker | 2025 – 2026

- Instructed aspiring developers on modern full-stack web engineering fundamentals (JavaScript, React, Node.js, FastAPI, MongoDB).
- Mentored students on clean code architecture, modular design principles, and responsive UI implementation.

EDUCATION

Bachelor of Science in Software Engineering (BSSE)

2024 – Present

The Islamia University of Bahawalpur (IUB), Bahawalpur, Pakistan