

Mohammed Faisal

MERN Stack Developer

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SUMMARY

MERN Stack Developer with **1 year of experience** building scalable web and real-time applications using **React.js, Next.js, Node.js, Express.js, and MongoDB**. Delivered AI-powered learning platforms and real-time chat apps supporting 50+ concurrent users. Implemented secure **JWT authentication**, **Bcrypt password hashing**, and optimized REST APIs, improving system performance and reliability by 30%. Led small teams, adapted to changing requirements, and collaborated cross-functionally to deliver features ahead of deadlines.

Key Skills: React.js, Next.js, Node.js, Express.js, MongoDB, Mongoose, Redux Toolkit, REST API, JWT, Socket.IO , TypeScript, Agile/Scrum, Cloudinary, Multer, Vercel, Netlify

SKILLS

Frontend : React.js, Next.js, TypeScript, JavaScript (ES6+), Redux Toolkit, HTML5, CSS3, Tailwind CSS, Responsive UI/UX, Performance Optimization

Backend : Node.js, Express.js, REST API Development, Joi Validation, MVC Architecture

Database : MongoDB, Mongoose, Schema Design, Aggregation Pipelines, Query Optimization, Indexing

Real-Time & Cloud : Socket.IO , WebSockets, Cloudinary, Multer, Vercel, Netlify, Render

Tools & Workflow : Git, GitHub, Postman, Figma, Agile/Scrum, CI/CD, Unit Testing (Jest/Postman)

PROFESSIONAL EXPERIENCE

MERN Stack Developer — Bridgeon Solutions

- Engineered a real-time chat application with Node.js, Express.js, MongoDB, and Socket.IO , supporting 50+ concurrent users with live messaging, typing indicators, notifications, and media sharing.
- Built and deployed 10+ RESTful APIs integrating middleware, Joi validation, and security measures, improving endpoint reliability by 30%.
- Secured user authentication using JWT and Bcrypt, reducing unauthorized access incidents by 100%.
- Crafted 15+ reusable React.js UI components with Redux Toolkit, optimizing frontend performance and reducing page load time by 25%.
- Integrated Cloudinary and Multer for secure media uploads, handling 50+ files per session.
- Collaborated in Agile/Scrum sprints, conducting code reviews and documentation, improving team efficiency by 20%.
- Conducted unit testing with Postman, identifying and fixing 20+ bugs before production

PROJECTS

SkillMentorX – AI-Powered Mentor-Student Platform

- Designed a responsive Next.js + TypeScript frontend in Figma, improving student onboarding and engagement.
- Engineered a Node.js + Express.js backend (MVC) with MongoDB schemas for mentors, students, chats, schedules, and courses, enabling scalable data management.
- Implemented Email/Password + OTP authentication using Nodemailer for secure login.
- Built 12+ REST APIs for mentor-student matching, course management, chat, and scheduling, enhancing platform efficiency.
- Integrated Socket.IO  for real-time chat, notifications, and live mentoring, reducing communication delays by 40%.
- Managed global state using Redux Toolkit for smooth frontend data flow.
- Developed role-based dashboards for Students/Mentors, improving usability and weekly task tracking.
- Incorporated an AI chatbot to assist students, reducing mentor response time by 40%.

Real-Time ChatApp – Messaging Platform

- Built and deployed a secure full-stack chat application with role-based authentication.
- Implemented Socket.IO  for real-time messaging, typing indicators, and notifications for 50+ concurrent users.
- Constructed REST APIs for user management, authentication, and chat storage, achieving 99% uptime.
- Crafted responsive React.js UI with Redux Toolkit for seamless user experience.
- Integrated Cloudinary + Multer for secure media and file uploads.

Live Demo: Click Here  **Tech Stack:** React.js, Node.js, Express.js, MongoDB, Redux Toolkit, Socket.IO , Cloudinary