

ABDUL MOEEZ

MERN Stack Developer

Email: moeezkashif13@gmail.com, Mobile Number: 03364507406, 03295561929

CAREER SUMMARY:

Fullstack/MERN Developer with 2 years of experience designing and shipping production-grade web applications across the MERN Stack. Proficient in React.js, Node.js, Express.js, NestJS, PostgreSQL, and MongoDB, with a strong track record of building secure RESTful APIs, implementing JWT-based authentication, and architecting real-time collaborative features using WebSockets and CRDT. Experienced in delivering commercially successful products — including a live platform that drove \$250K in client revenue within 4 months.

WORK EXPERIENCE:

CodeSuite

November, 2023 - Present

- Developed and maintained responsive web applications using React.js, implementing modern UI components and ensuring seamless user experiences.
- Collaborated with backend teams to integrate APIs and build dynamic, data-driven interfaces using Django and Django REST Framework.
- Gained real world backend experience with Node.js, Express.js and Nest.js, integrating APIs and managing server-side logic.

RELEVANT PROJECTS:

Realtime Collaborative Workspace

- Developing a real-time collaborative workspace application enabling multiple users to edit documents simultaneously with live synchronization, similar to Google Docs style collaboration **but for coding**.
- Implemented CRDT based **real time collaboration (YJS)** to ensure conflict-free, low-latency document editing across distributed clients.
- Integrated Hocuspocus server within a NestJS backend, enabling scalable WebSocket based real time communication.
- Implemented Monaco Editor integration with Yjs bindings, providing a powerful, IDE-like editing experience.
- Implemented user registration with a free plan, providing default limited permissions to new users.
- Designed a room-based collaboration system, allowing users to create rooms, invite others, and collaborate after invitation acceptance.
- Integrated Stripe for subscription management, enabling users to upgrade from **Free to Basic or Premium plans with higher limits**.
- Enforced plan-based restrictions on room creation and participation, implementing NestJS Guards to prevent misuse and ensure authorization compliance.

Vehicle & Anti-Theft Tracking Web App

- Developed GPS vehicle tracking and inventory management application currently live and actively used by automotive dealerships.
- Integrated map services and real-time data visualization to display vehicle movement, status updates, and historical routes.
- A single dealer using the platform for 4 months generated approximately **\$250,000** in device sales, proving real world commercial value and platform effectiveness
- Implemented a **multi-tenant architecture** enabling each dealer to securely access the application via a **dedicated subdomain**, ensuring data isolation and tenant-level configuration.
- Achieved **high client satisfaction**, leading to additional engagements and development work for the **client's own customers**, expanding the product's adoption.

Legacy & Memory Sharing Platform

- Built complete React.js frontend from start to finish, creating responsive layouts, reusable components, and intuitive user flows for desktop and mobile.
- Created **custom rich text editor using Facebook's Lexical Editor** as existing editors like Quill and others **were not covering the client requirements**, enabling users to add formatted text, images from their devices, and incorporating a grammar-check feature for better content quality.
- As it was my first project in my current company I worked on frontend only, a fellow developer worked on the backend. Integrated the frontend with Django REST APIs, handling state management with Redux, media uploads, user authentication, and data synchronization for seamless interaction.
- Optimized performance, implementing lazy loading for media, and enhancing the overall user experience.

SKILLS:

- React.js, Next.js, Vue.js, Nuxt.js, Redux Toolkit / RTK Query, Tailwind CSS, React Router, Monaco Editor
- Node.js, Express.js, NestJS
- WebSocket & real-time communication (YJS)
- RESTful APIs, authentication & authorization (JWT, role-based access)
- Multi-tenant architecture, subscription & access control
- PostgreSQL, MongoDB, database modeling & optimization