

FAIZAN TAYYAB HUSSAIN

MERN STACK DEVELOPER



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A passionate Full-Stack MERN developer specializing in building scalable, robust, and user-friendly web applications. Proficient in designing, developing, and deploying solutions using modern technologies such as React.js, Next.js, Node.js, and MongoDB.

PROJECTS

Real Estate SAAS Application

- **Project Overview:**

- Developed a production-ready real estate SAAS application designed to streamline property listings and management processes.

- **Backend Features and Technologies:**

- Built using Node.js, Express.js, Mongoose, and MongoDB.
- Implemented a secure login system with JWT Authentication, cookie management, and a refresh token mechanism for extended sessions.
- Added a password reset feature, including sending password recovery emails to users.
- Managed image uploads and deletions using Cloudinary:
- Images are temporarily stored on the server before uploading to Cloudinary.
- Temporary files are deleted post-upload to optimize storage.
- Old images on Cloudinary are removed when listings are updated or deleted.
- Emphasized error handling and used middleware for enhanced security.

- **Frontend Features and Technologies:**

- Developed using React.js, TailwindCSS, and DaisyUI for a clean, responsive, and user-friendly interface.
- Employed TanStack Query for state management, leveraging its features such as:
- Caching to reduce server requests for repeated data access.
- Infinite scrolling for seamless data loading.
- Used URL-based state management, enabling:
- Sharing specific pages while preserving the exact data and filters.
- Faster subsequent loads with cached data, refreshing only when the cache expires.

- **Challenges and Solutions:**

- Addressed complex image management workflows with Cloudinary for seamless uploads, updates, and deletions.
- Ensured secure API integration and smooth data synchronization using modern backend and frontend tools.

- **LIVE LINK:**

Live Link: [Property Rent Application](#)

Habit Tracker Application

- **Project Overview:**

- Created a Habit Tracker application to help users monitor and manage daily habits effectively.
- Designed with a focus on responsive UI and robust state management.
- GitHub Repository: [Habit Tracker GitHub](#).

- **Frontend Features and Technologies:**

- Developed with React for dynamic user interactions.
- Styled using Material-UI (MUI) for a modern and clean aesthetic.
- Implemented Redux Toolkit for global state management, ensuring efficient state synchronization and persistence.
- Utilized Vite for fast development and optimized builds.
- Employed TypeScript for type safety and maintainability.
- Ensured adherence to coding standards with ESLint and React-specific plugins.

- **Key Features**

- Allows users to create, update, and delete habits effortlessly.
- Features a responsive UI for seamless experience across devices.
- State caching and synchronization using Redux Toolkit and React Redux.

- **Challenges and Solutions:**

- Overcame complex state management challenges by leveraging Redux Toolkit's features like slices and selectors.
- Combined Material-UI components for flexible and customizable styling.

Next.js Blog with Sanity

- **Project Overview:**

- Developed a modern blogging platform using Next.js and Sanity CMS for content management.
- Focused on delivering a fast, dynamic, and visually appealing platform with customizable themes and advanced features.
- GitHub Repository: [Test Blog GitHub](#)
- Live Application: [Test Blog Live](#)

- **Backend and Content Management:**

- Integrated Sanity CMS for managing and delivering structured content.
- Used @sanity/image-url to handle image transformations and optimize media delivery.

- **Frontend Features and Technologies:**

- Built with Next.js to leverage server-side rendering (SSR) and static site generation (SSG) for performance and SEO benefits.
- Utilized TailwindCSS for rapid and responsive UI development, complemented by tailwind-merge and tailwindcss-animate for enhanced styling and animations.
- Incorporated Radix UI components for a consistent and accessible design system.
- Enabled dark mode and theme switching with next-themes.
- Used @portabletext/react for rendering rich text content dynamically.

EDUCATION

BS(Hons)-CS, Bachelor of Computer Science(CGPA 3.0) **2016**

Preston University Islamabad

FSC Pre Engineering **2011**

- Indus College, Gujar khan

MATRIC (Science) **2009**

- The Educators Boys Secondary School, Gujar Khan

CERTIFICATIONS / COURSES

- Advance Web Application 6 Months (Air University Islamabad/NAVTTTC)
- React Native Cross Platform Mobile Application Development (Erozgar Program)
- Graphic designing (Erozgar program)
- UX/UI (Erozgar Program)
- CCNA Certification (2016)

TECHNICAL SKILLS

MERN | JavaScript | React.js | Redux | Zustand | Tanstack Query | TypeScript | NextJs | MVC | REST Api | HTML5 | CSS | Bootstrap | Git | Firebase | Tailwind CSS | Shadcn UI | Daisy UI | Aceternity UI | SASS | Material UI | Styled Components | Sanity | NodeJs | ExpressJs | JWT Auth | Cloudinary | Prisma ORM | NeonDB | MongoDB Atlas | Mongoose | Vercel | Render | Clerk Auth | Auth.JS | Figma | Adobe Illustrator