

ABDUL MAJID K

MERN STACK DEVELOPER

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Self-taught MERN Stack Developer | Proficient in Complex Web Apps | Tech Enthusiast

Proficient MERN Stack Developer skilled in crafting complex and scalable web applications. Enthusiastic about exploring new technologies, problem-solving, and nurturing collaborative teamwork while offering constructive feedback to peers

PROJECTS

● Travel Booking

[GITHUB](#)

Our Travel Booking web app prioritizes seamless experiences. It offers detailed destination info, personalized recommendations, and a user-friendly interface for browsing unique tours and activities. Real-time chat with providers enhances satisfaction, and secure payments ensure worry-free bookings.

Features:-

- **Real-time Chat:** Implemented chat for user-admin interaction.
- **Advanced Search & Filters:** Designed user-friendly search and filters for destination discovery.
- **Secure OTP Login:** Enhanced security with Twilio SMS-based OTP login/signup.
- **User-Generated Content:** Enabled reviews and travel story sharing for user engagement.
- **Account Security:** Improved security via password change feature.
- **Admin Control Panel:** Created admin dashboard for smooth management.
- **Analytics & Reporting:** Integrated revenue tracking and destination insights.
- **Secure Payments:** Ensured transaction security with Razorpay integration.

Technologies used:-

- **Front-end:** React.js with Redux Toolkit and TypeScript.
- **Back-end:** Node.js with Express.js, following MVC architecture and using TypeScript.
- **Database:** MongoDB with Mongoose.
- **UI/UX:** Tailwind CSS with elements from Material UI and Flowbite for responsive design.
- **Security:** Implemented Twilio OTP and JWT for enhanced security, adhering to REST API standards.
- **Data Visualization:** Utilized Chart.js for comprehensive dashboards.
- **Deployment:** Deployed on AWS using EC2 and managed by NGINX for scalability.

● E-COMMERCE APPLICATION

[LIVE - GITHUB](#)

Our wood eCommerce app offers a user-friendly interface, interactive purchase tracking, wishlists, and advanced product filtering for seamless shopping. With secure transactions, a convenient user profile hub, and an effortless refund process, it ensures a delightful shopping journey

Features:-

- **Effortless Discovery:** Enhanced product discovery with search, sort, and filters.
- **Refunds & Wallet:** Enabled easy refunds and integrated wallet functionality.
- **Wishlist:** Added a feature for users to save selected items.
- **Cart & Checkout:** Developed a secure cart and checkout system
- **Coupon Integration:** Allowed users to apply discounts.

- **Admin Controls:** Implemented admin-side management for efficient website control.
- **PayPal Integration:** Ensured secure payments via PayPal
- **Security with OTP:** Enhanced security via Nodemailer OTP integration.

Technologies used:-

- Utilized **Node.js** with **Express.js** and **EJS** templates, following the **MVC Architecture** and **REST API** for efficient development.
- Leveraged **MongoDB** with **Mongoose** as the database for efficient data storage and management.
- Implemented **Nodemailer** for OTP verification and utilized **session** and **cookies** for secure authorization.
- Deployed the project on **AWS**, utilizing an **EC2 instance** and **Route53** for hosting and domain management.

TECHNICAL SKILLS

- **Front-End:** React.js, TypeScript, JavaScript, Redux, Tailwind CSS, Bootstrap, HTML, CSS Figma(design tool), Responsive Web Design
- **Back-End:** Node.js, Express.js, MongoDB, PostgreSQL, Mongoose, RESTful API, MVC Architecture, EJS, Node.js , Object-Oriented Programming (OOP), Server-Side Rendering (SSR) Git, PostmanSecurity System
- **Data structure:** Linked List, Searching, Sorting, Stack, Queue, HashMap, Tree, Trie, Graph
- **Familiar:** Socket.IO, AWS (Amazon Web Services) Material UI,Vercel,Netlify, Firebase, Render EC2, R53, NGINX, Webpack

MINI PROJECTS

- **Modern Clothing Frontend** [LIVE](#) - [GITHUB](#)
 - **Technologies:** ReactJs, Tailwind CSS, RESTAPI, Formik - yup , Material ui
 - **Effortless Discovery:** Enhanced product discovery with search, sort, and filters.
 - **Cart & Checkout:** Developed a secure cart and checkout system
- **VirtuoCare Link** [GITHUB](#)
 - **Technologies:** ReactJs, Tailwind CSS, NodeJs, ExpressJs, RESTAPI, Twilio, MongoDB, JWT.
 - Enabled seamless doctor appointments through a user-friendly interface.
 - Integrated a WhatsApp chatbot option and secure Razorpay payment.
- **OlxClone Project** [GITHUB](#)
 - **Technologies:** ReactJs, React Hooks, CSS, Firebase.
 - Designed an ad-focused marketplace with advanced search, security, and responsive UX
- **Netflix clone** [GITHUB](#)
 - **Technologies:** ReactJs, Axios, React Hooks, CSS.
 - Browse for movies and TV shows
- **User Management** [GITHUB](#)
 - **Technologies:** ReactJs, ExpressJs, MongoDB, JWT, Multer.
 - End-to-End User Management Proficiency

EDUCATION

- **BCA (Bachelor of Computer Applications)** *2023 -Present*
IGNOU University (Distance Education)
- **MERN Stack Development** *2022 -2023*
Brototype, Calicut
- **Higher Secondary (Computer-Application)** *2020 - 2022*