AbdAlRhman Yasser
Mern stack developer

Hello, my name is AbdelRhman Yasser
I'm a Junior Full-Stack Developer with a strong focus on building scalable and secure web applications using modern technologies. My expertise lies in the MERN stack (MongoDB, Express.js, React.js, Node.js), with additional specialization in Next.js and TypeScript for robust, type-safe development.
I work extensively with Redux Toolkit and RTK Query for state and API management, and use Tailwind CSS and shadcn/ui to build clean, responsive user interfaces. On the backend, I've implemented secure authentication systems using JWT, Bcrypt, Passport.js, and Google OAuth.
I also have hands-on experience with both MongoDB and MySQL (via Prisma ORM), Redis for performance optimization, and Cloudinary for image management. I value writing maintainable code and have used Jest .
I'm passionate about learning and continuously improving my software engineering skills—from designing solid backend architecture to creating user-friendly, production-ready interfaces and use AI tools to build projects fast .

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Online Portfolio

EDUCATION

Bachelor of Science in Computer Science

2024 ~ 2028

Hotel App (Mern Stack)

Stack: Next.js, TypeScript, Redux Toolkit, Tailwind CSS, Node.js, Express.js, MySQL (Prisma), Redis, JWT, Passport.js, Google OAuth, Stripe, Shadcn/ui, Jest, Cloudinary

- Built a full-stack hotel booking application with secure authentication, reservation management, and admin/user role separation.
- Implemented robust auth flows using JWT, refresh tokens, and Passport.js with Google OAuth, ensuring secure and flexible login options.
- Developed an admin dashboard to manage rooms, bookings, and users with role-based access control (RBAC).
- Integrated Stripe for secure online payments and Cloudinary for optimized image uploads.
- Used Prisma ORM with MySQL for scalable, relational data modeling and efficient database access.
- Enhanced performance by implementing Redis caching, reducing database load and improving response time.
- Managed global state and API calls using Redux Toolkit and RTK Query, ensuring a responsive and smooth UX.
- Designed a fully responsive UI with Tailwind CSS and modern components via shadcn/ui.
- Wrote unit tests with Jest to ensure code reliability and maintainability.
- Demo
- repository

E-commerce Platform (MERN Stack)

- Technologies: Next.js, TypeScript, Redux Toolkit, Tailwind CSS, Node.js, Express.js, MongoDB, JWT, Bcrypt
- Developed a full-stack e-commerce platform with a focus on user authentication, product management, and order processing.
- Implemented user authentication using JWT for secure login and registration processes.
- Designed admin panels to manage products, orders, and user roles with role-based access control (Admin, User).
- Integrated Redux Toolkit for global state management, ensuring a seamless user experience for cart management, product filtering, and order placement.
- Styled the platform using Tailwind CSS for a responsive, mobile-first design.
- Utilized Express.js for backend development and MongoDB with Mongoose for data management.
- Demo
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Movie website

- Technologies: React.js, TypeScript, Redux, Tailwind CSS, Axios, TMDB API
- Developed a movie website that allows users to search, filter, and add movies to their favorites or watchlist.
- Integrated with TMDB API to fetch movie data, ensuring dynamic and up-to-date content for users.
- Implemented user authentication and session management to create personalized experiences.
- Styled the platform with Tailwind CSS for a clean and modern user interface.
- Used Redux for state management, ensuring consistent data flow between components and handling API responses with Axios.
- Demo Live