

Abdel-Rahman Yasser

Full Stack developer

I'm a Junior Full-Stack Developer specialized in the MERN stack, Next.js, and TypeScript, with backend experience in Node.js and FastAPI and basics Spring Boot.

I use Redux Toolkit, Tailwind CSS, and shadcn/ui for responsive UIs, and implement secure auth with JWT, Bcrypt, and Google OAuth.

I work with MongoDB, MySQL (Prisma), Redis and use Docker & Docker Compose for development team and deployment for devops team

I focus on clean, maintainable code and use AI tools to build and ship projects faster.



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EDUCATION 2024 - 2028

FCI Tanta University

Projects:

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](#)

E-commerce (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
- 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](#)

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](#)

Tools :

Front-End:

React.js, Next.js, TypeScript, Redux Toolkit, RTK Query, Tailwind CSS, shadcn/ui

Back-End:

Node.js, Express.js, Python, FastAPI, JWT, Bcrypt, Passport.js, OAuth Protocol, payment with stripe

Databases:

MongoDB, MySQL (with Prisma ORM), Redis

Authentication & Security:

JWT, Bcrypt, OAuth, RBAC (Role-Based Access Control) , rate-limiting , helmet.js

Testing:

Jest for integration testing

Performance & Optimization :

system design,load balancing , basics,Redis Caching, Code Splitting , Lazy Loading

DevOps & Tools:

Docker, Docker Compose, Nginx

Skills:

IDEs & Editors: Visual Studio Code, Tera IDE

API Tools: Postman, Apidog

Version Control: Git & GitHub

Containerization: Docker, Docker Compose