Ahmed Mohmed

FULL-STACK WEB DEVELOPER

CONTACT

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EDUCATION

Sep 2020 – Jun 2024

HTI UNIVERSITY.

- Faculty of Computers and Artificial Intelligence

SKILLS

FRONT-END DEVELOPMENT

- HTML, CSS, Bootstrap, Tailwind CSS, jQuery
- JavaScript , TypeScript
- React.js, Next.js
- Responsive design, animations, accessibility

BACK-END DEVELOPMENT

- Node.js, Express.js, RESTful APIs
- Authentication & authorization (JWT, Clerk.js, Wix Members API)
- Payment integration (Stripe API)
- File handling (Multer)

DATABASES

- MongoDB (Mongoose)
- MySQL, Prisma ,Sequelize

STATE MANAGEMENT

- Redux, Zustand, Context API

OTHER SKILLS

- Secure coding practices
- Performance optimization & scalable architecture
- Agile collaboration & problem-solving

MILITARY SERVICE

- Completed

SUMMARY

Experienced Full-Stack Web Developer with a strong foundation in HTML, CSS, JavaScript, and TypeScript, specializing in React.js and Next.js on the frontend and Node.js, Express.js, and MongoDB on the backend. Proven ability to build scalable, responsive, and user-centric web applications, with a focus on clean code, performance optimization, secure APIs, and modern application architecture.

WORK EXPERIENCE

Graduation Project – Edu-Gate Student Attendance System — Jan 2024 – Jun 2024

Front-End Web Developer

- Developed the frontend of a student attendance management application using React.js
- Implemented role-based access control UI for Admins and Doctors
- Integrated seamlessly with an existing ASP.NET backend for data fetching and updates

Freelance Self-employed — 2023 - Present

Full-Stack Web Developer

- Delivered responsive full-stack web applications using React.js, Next.js, Tailwind CSS, Node.js, and Express.js
- Built e-commerce features, including product filtering, shopping cart, authentication, and order management
- Designed clean, user-friendly interfaces with smooth animations and interactions
- Developed and integrated RESTful APIs with backend systems and MongoDB/MySQL databases for secure data handling
- Implemented authentication, authorization, and role-based access for enhanced security

COURSES

Front-End Development Training, Senior-Steps Training Center — Oct 2021 – Feb 2022

Advanced Front-End Development Training, Route Academy — Aug 2022 – Jan 2023

Back-End Node.Js Development Training, Route Academy — Mar 2023 – Sep 2023

PROJECTS

Food Ordering App
Tech Stack: React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Stripe API, Multer

- Secure user registration and login with JWT-based authentication
- User profile management with image upload, update, and removal
- Role-based access control for protected user and admin routes
- Shopping cart functionality: add, remove, and view items
- Stripe-powered secure checkout with test card support
- Automatic order creation and payment verification after successful checkout
- Admin food management: add, update, and delete items with image uploads using Multer
- Order management system: users can view order history, admins can update order status and monitor all orders
- Fully responsive UI built with React and styled using Tailwind CSS
- Global state management using React Context API
- [GitHub Repo] , [DemoVideo]

Social Media App
Tech Stack: Next.js, Prisma, MySQL, Clerk.js, Tailwind CSS, Zod, Svix

- Developed a full-stack social media platform with dynamic user interactions and scalable architecture
- Implemented secure user authentication and profile management using Clerk.js
- Enabled social features: follow/unfollow, block/unblock, and manage follow requests
- Built content-sharing tools: create posts with images, comment, and like/unlike functionality
- Added Instagram-style stories that auto-expire after 24 hours
- Optimized performance using server actions for posting, liking, and commenting
- Enhanced UX with React Suspense, useOptimistic, and useFormStatus for smooth async rendering
- Validated user input with Zod to ensure data integrity
- Styled the UI with Tailwind CSS for responsive, modern design
- [GitHub Repo] , [DemoVideo]

E-Commerce App
Tech Stack: Next.js, Tailwind CSS, Zustand, Wix SDK, Node.js, MySQL

- Developed a full-featured online shopping platform with dynamic product listings and responsive UI
- Implemented secure login/register system with user profile updates using Wix Members API
- Built a cart system with add/update/remove functionality and global state management via Zustand
- Designed an orders page to track order status, items, and totals
- Integrated advanced search and filtering: price range, sort by price/date, and category filters
- Enabled product reviews with user comments and ratings
- Designed a secure checkout flow with address collection and order processing
- Used Tailwind CSS for clean, scalable, and responsive design
- Connected to real product and member data using Wix Stores and Members SDK
- Created custom Node.js APIs for handling reviews, order processing, and checkout logic
- Optimized routing and performance using the Next.js App Router
- Learned to build scalable components and improve UX through filtering logic and state handling
- [GitHub Repo] , [Demo Video]

Task Manager App
Tech Stack: React.js, Tailwind CSS, Node.js, Express.js, MongoDB, JWT

- Built a full-stack task management application to help users organize and track tasks efficiently
- Implemented secure user authentication using JWT, with token storage in localStorage
- Developed full CRUD functionality for tasks: create, read, update, and delete
- Enabled task filtering by status: Completed, Pending, In Progress, Deferred, and Deployed
- Designed auto logout and secure route protection for enhanced security
- Created a responsive UI using Tailwind CSS and React Router for smooth navigation
- Used Axios for API communication and jwt-decode for token handling
- Built the backend with Express.js and MongoDB (via Mongoose) for scalable data management
- Secured user data with bcrypt password hashing and environment configuration via dotenv
- Strengthened full-stack development skills by integrating front-end with secure APIs and managing state effectively
- [GitHub Repo] , [Demo Video]