Mohammed Fayiz

Full Stack Software Engineer

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PROJECTS

EDUME | NODE, TYPESCRIPT, NEXT, MONGODB, REDIS, SOCKET.IO

- ➔ Engineered a full-stack Learning Management System (LMS) called "EDuMe"
- ➔ Composed Socket.io server to enable real-time streaming and interactive features, yielding in a 40% Enhanced user participation and communication efficiency.
- ➔ Enforced Redis cache system to improve system performance, provoking in a 40% reduction in server load and achieving an average response time of less than 500ms for enhanced user experience.
- ➔ Introduced a robust access control system that limited viewing permissions to paid subscribers only, engendering in a 75% decrease in content piracy.
- ➔ Improve the efficiency and scalability of the application through the implementation of RTK Query.
- ➔ Unified robust notification system for efficient and personalized user communication through timely alerts, updates, and reminders.
- ➔ Streamlined payment processing by integrating multiple secure transaction methods, leading to a 20% increase in successful and error-free transactions.

FAZ. | NODE, EXPRESS, REACT, MONGODB, REDUX

- ➔ Spearheaded the complete development of the "FAZ." e-commerce platform, showcasing expertise in the entire tech stack.
- ➔ Executed Redux in the front-end architecture to efficiently manage state, instigating in a 10% increase in application performance and a 15% decrease in loading times.
- ➔ Materialized a secure payment system using Strapi, Contributing to a 20% elevation in customer satisfaction with transaction experience.
- ➔ Revamped front-end interface with a user-centric approach, resulting in a 40% decrease in bounce rate and a 25% increase in average session duration across all devices.

MEMORIES | NODE, EXPRESS, REACT, MONGODB, REDUX, MATERIAL UI

- ➔ Developed "Memories," a vibrant full-stack social media platform, utilizing OAuth 2.0 authentication, resulting in increased user security and trust.
- ➔ Devised robust pagination, comments, and interaction features, leading to a 20% surge in user engagement and overall platform activity.
- ➔ Created an efficient search and filtering system, allowing users to easily discover relevant content and increasing user satisfaction by 25%.
- ➔ Designed visually appealing and responsive UI using Material-UI, resulting in a seamless cross-device experience and improving user retention by 15

PROMPTOPIA | NEXT, MONGO DB, TAILWIND, OAUTH 2.0

- ➔ Created "Promptopia," a vigorous full-stack application using Next.js, empowering users to share and discover prompts on various topics.
- ➔ Forged and optimized search indexing techniques, provoking in a 30% improvement in search accuracy and efficiency.
- ➔ Orchestrated the implementation of a visually appealing and intuitive interface using Tailwind CSS, elevating the app's aesthetics and usability, leading to a 30% surge in user retention and a 20% boost in customer satisfaction.

SKILLS

PROGRAMMING

- JavaScript • TypeScript
- C • java

LIBRARIES/FRAMEWORKS

- NodeJS • ReactJS • NextJS
- Redux • Redis • express
- Material Ui • Socket.IO
- JQuery • Tailwind • Chart.js

DEPLOYMENT

- Hostinger VPS • Vercel
- Heroku • Netlify

EDUCATION

UNIVERSITY OF CALICUT

MASTER'S IN BACHELOR ENGILSH
2020 - 2023
English Literature

COURSEWORK

- The Complete Web Development Bootcamp.
- Harvard CS50 – Full Computer Science University Course.

LANGUAGES

- English (average)
- Malayalam (native)
- Arabic (basic)
- Urdu/Hindi (basic)