

AMIT KUMAR JHA

Creative and detail-oriented Frontend Engineer with 2.5 years of dedicated experience in enhancing user experiences through innovative frontend technologies.

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SUMMARY

Dynamic and dedicated Frontend Engineer with 2.5 years of experience in building intuitive user interfaces and optimizing performance using technologies such as React.js, Material UI, Redux Saga, and Next.js. Possessing a strong passion for creating user-centric designs, I am eager to apply my skills in a challenging role to contribute effectively to innovative projects and enhance user engagement.

SKILLS

React.js, Material UI, Tailwind CSS, Redux Saga, Next.js, React Query, HTML, CSS, JavaScript, Collaboration, Problem Solving, Framer Motion, MongoDB, ThreeJS

WORK EXPERIENCE

React JS Developer

Solulab - November 2021 - May 2023

- Engineered and refined intricate React components for extensive web applications, significantly enhancing user experience through intuitive designs.
- Conducted thorough performance optimization by analyzing and refactoring legacy code, achieving a remarkable 30% improvement in page load speeds.
- Worked collaboratively with diverse teams to drive feature innovation and enhancement, consistently meeting project timelines and high-quality benchmarks.
- Facilitated knowledge sharing through active participation in code reviews, contributing to team development and best practices in coding.

Frontend Engineer

EnverX - May 2023 - Jan 2024

- Architected and executed visually engaging and responsive user interfaces utilizing Material UI, significantly elevating the application's aesthetic and functional quality.
- Utilized Material UI theming to ensure cohesive and consistent design across platforms, thereby enhancing user experience.
- Executed A/B testing and analyzed user feedback to refine UI designs, increasing engagement metrics and user satisfaction ratings.
- Employed Material UI's grid system to design flexible, adaptive layouts responsive to various device screens.
- Collaborated with UX/UI designers to effectively translate design mockups into actionable React components, maintaining fidelity to design specifications and brand identity.
- Engineered sophisticated React components, integrating Redux for superior state management and enhancing overall user interaction.

Frontend Engineer

Vericap - February 2024 - June 2024

- Created and implemented visually striking and adaptive user interfaces through the extensive use of Material UI components, streamlining design and component development processes.
- Employed Material UI's theming features and advanced styling techniques to maintain brand integrity and achieve flawless design execution.
- Utilized React Query for optimized data fetching and API management, facilitating seamless interoperability with Material UI components and boosting application responsiveness.

PROJECTS

Chatty (Chat App)

This project is a modern web application built with Next.js that focuses on real-time communication, user authentication, and a sleek user interface. The application offers seamless real-time messaging, secure login features, and an interactive, responsive design. Key Features:

- Real-time messaging using Pusher: Ensures instant communication and live updates between users.
- Emoji picker integration: Allows users to express themselves with an intuitive emoji picker in chat.
- User authentication with NextAuth: Provides secure authentication for users, including social login and custom credentials.
- Secure password hashing with bcryptjs: Guarantees strong password security with reliable hashing methods.
- Modern UI with Material-UI and Tailwind CSS: Combines the power of Material-UI components with Tailwind's utility-first design for a sleek, responsive interface.

Technologies: This project leverages the following cutting-edge technologies:

- React:** For building dynamic and responsive user interfaces.
- Next.js:** Enables server-side rendering (SSR) and static site generation (SSG) for enhanced performance.
- Tailwind CSS:** Provides flexibility for creating custom UI designs.
- Material-UI:** Supplies pre-built, customizable UI components.
- Pusher:** Manages real-time communication for live messaging.
- NextAuth:** Handles secure user authentication within the Next.js ecosystem.
- Emoji Picker:** Simplifies emoji selection for enhanced user interaction.
- bcryptjs:** Ensures passwords are hashed securely before storage.

Portfolio

I built this portfolio using Next.js, Tailwind CSS, and Framer Motion to showcase my skills as a frontend developer. The portfolio features a clean, responsive design with smooth animations and transitions, providing an engaging user experience.

- Next.js enables fast loading times and optimized performance through server-side rendering and static site generation.
- Tailwind CSS was used to create a modern, minimalist design with custom styles, ensuring mobile responsiveness and visual consistency across devices.
- Framer Motion brings the UI to life with fluid animations, creating an interactive experience as users navigate through different sections, enhancing the overall aesthetic appeal.

This portfolio not only highlights my projects and technical skills but also demonstrates my ability to work with cutting-edge frontend technologies to deliver high-performance, visually appealing websites.

EDUCATION

Gujarat Technological University

Bachelor of Engineering - Computer (January 2016 - December 2020)