Vashni Roy

Full Stack Developer (MERN)

Experienced Full Stack Developer with 1 year of proven expertise in driving significant increases in conversion rates by 15% and boosting user engagement by 20%. Skilled in optimizing site performance, reducing page load times by 20%, and implementing robust data security measures, enhancing protection by 25%. Active communicator skillful at meeting project deadlines and fostering collaboration among stakeholders.

WORK EXPERIENCE

Labyrinth Global Solutions Pvt.Ltd

Software Engineer   July 2023 - Present

- Developed two projects using React.js for front-end and Node.js back-end, showcasing versatility in full-stack development.
- Frontend Development: Utilized React.js to create dynamic and interactive user interfaces, ensuring seamless user experiences across multiple platforms.
- Implemented protected routes to ensure secure access control, enhancing the application's security posture and safeguarding sensitive data from unauthorized access.
- Backend Development: Employed Node.js to design and construct backend systems, integrating RESTful APIs to enable seamless communication between the frontend and backend layers.
- Database Management: Efficiently managed MySQL databases, handling data storage, retrieval, and manipulation to support application functions.
- Collaborated with a team of developers, actively communicating to prevent Git conflicts and ensure smooth workflow.

Project: **Ecommerce**

- Engineered dynamic e-commerce platform featuring Login, Products, and Product Details pages, catalyzing a 15% augmentation in conversion rates.
- Implemented robust data security measures utilizing **JWT tokens** and REST API calls, fortifying data integrity and heightening protection by 25%.
- Optimized site performance by employing React Router for seamless energetic route navigation, curtailing page load times by 20%.
- Crafted an adaptive, visually captivating interface, emulating industry frontrunners **Amazon** and **Flipkart**, contributing to a notable 20% surge in user engagement.

Project: **Online Marketing Platform**

- Developed a active online marketplace platform inspired by **OLX**, facilitating users to buy and sell goods with ease.
- Utilized a tech stack including **Node.js** for the backend, Express.js for **RESTful APIs**, and **MySQL** for efficient data storage.
- Formed a responsive React-based frontend to provide users with an intuitive and engaging experience. Implemented key features such as user authentication, real-time messaging, and efficient search functionality.
- The platform emphasizes a user-friendly interface, secure transactions, and self-motivated product listings.

Project: **Project Management Tool**

- The Project Management Application, built on the **MERN** stack (MySQL, Express.js, React, Node.js).
- The application's frontend, created with React, prioritizes a user-friendly experience, complemented by a backend powered by Node.js and Express.js.

CONTACT

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SKILLS

Technical Skills:
- ReactJS
- Redux
- Node.js
- MongoDB
- HTML
- CSS
- JavaScript
- Restful API's
- MySQL
- Python

EDUCATION

Bachelor of Technology in Electrical & Electronics Engineering
Anurag College of Engineering
August 2019 — June 2022

CERTIFICATIONS

- Industry Ready Certification in Full-stack Development – **NXT Wave Disruptive Technologies**.

ACHIEVEMENTS

- Achieved the Star Performer of the quarter award.
- Boosted conversion rates by 15% through engineering e-commerce platform.

- MySQL ensures efficient data management, and the application focuses on secure user authentication and real-time.
- The project showcases a solid foundation in MERN stack development and highlights key skills in frontend design and backend logic.
- Facilitated a seamless user experience by introducing theme toggling **(Light/Dark)** and dynamic video search functionalities.

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