

Shahzaib Raheel

Software Engineer

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I'm a web developer and machine learning enthusiast with a passion for creating user-friendly websites and leveraging data-driven approaches to enhance system efficiency. Proficient in both the art and science of software engineering, I bring creativity and technical expertise to deliver innovative solutions. Skilled in collaborating with cross-functional teams, I thrive in dynamic environments and am committed to continuous learning. Let's build something great together.

Education

- BE Software Engineering ,MCS NUST (2020-2024)
- Intermediate ,Nishat College of Science, (2018-2020)
- Matric ,Nishat High School , (2016-2018)

Experience

MJ Coders

24 -August-2023 to 07-October-2023

- Developed and maintained dynamic and responsive web applications using the MERN stack.
- Proficient in designing user interfaces and ensuring a seamless user experience.
- Implemented front-end functionalities using React.js and back-end services using Node.js and Express.js.

SCO

10 -July-2023 to 11-August-2023

- Actively participated in training sessions or workshops to enhance technical skills and stay updated with industry best practices.
- Demonstrated a commitment to continuous learning and professional growth.
- Interacted with team members, supervisors, and end-users professionally, maintaining effective communication channels.

Coalition Technologies - HTML, CSS, JS Developer

01 -December-2022 to 11-April-2023

- Developed and maintained client websites using HTML, CSS, and JavaScript.
- Collaborated with cross-functional teams to contribute to web development projects.
- Resolved front-end issues and bugs promptly, ensuring high-quality web solutions.
- Actively learned new technologies and applied knowledge to improve coding practices.

Freelance Frontend Developer

02 -September-2022 to Present

- Successfully completed many projects on as a frontend developer.
- Developed responsive and visually appealing websites based on client requirements.
- Collaborated with clients to understand project goals and deliver tailored solutions.
- Received positive feedback and high ratings for delivering quality work on time.

Alkhidmat Foundation

02 -July-2022 to 10-August-2022

- Maintained employee records, updating information and ensuring data accuracy.
- Participated in HR meetings, taking notes, and providing administrative support as needed.
- Assisted in organizing training sessions and workshops for staff development.
- Gained exposure to HR policies, procedures, and compliance requirements.

Shaukat Khanum Student Ambassador

05 -March-2022 to 10-September-2022

- Organized and participated in fundraising events (e.g., charity drives, sports tournaments, awareness campaigns).
- Assisted with existing fundraising campaigns and initiatives.
- Spread awareness about the hospital's mission and encouraged donations through various channels.

Projects

MERN Stack To-Do List with Drag-and-Drop Functionality

- Built a full-stack MERN stack To-Do list app with drag-and-drop functionality (MongoDB, Express, React, Node.js).
- Managed and prioritized tasks, enabling seamless movement between "To Do" and "Done" sections.
- Ensured real-time updates by implementing smooth data flow between frontend and backend..

MERN Stack Cocktail Recipe Website

- Interactive Recipe Browsing: Enabled users to navigate through a collection of cocktail recipes.
- Customizable Search: Facilitated searching for specific cocktails by name or ingredients.
- Dynamic Filtering: Allowed users to filter recipes based on categories, alcohol type, or other criteria.

MERN Stack Job Portal

- Built a dynamic job platform with separate user roles for job seekers and employers.
- Implemented sign-up, login, and optional profile features.
- Enabled employers to post details, requirements, and manage job openings.
- Advanced Job Search: Empowered job seekers to filter and search positions based on diverse criteria.

MERN Stack English and Japanese News Website

- Integrated both English and Japanese news feeds, allowing users to switch seamlessly between languages.
- Ensured real-time updates from selected news sources, keeping users informed with the latest happenings.
- Enabled users to personalize their news feed based on preferred categories or topics.

MERN Stack Merchandise Website

- Cataloged and displayed various merchandise, including apparel, footwear, and accessories.
- Search and Filter: Enabled users to search and filter products by category, size, color, price, and other relevant attributes.
- Implemented a user-friendly shopping cart and secure checkout process for seamless online purchases.
- Allowed users to create accounts for smoother shopping experiences, potentially including features like saved items, order history, or wishlists.

AI speech separator

- Aims to isolate individual voices or instruments from a single mixed audio recording.
- Employs machine learning algorithms, typically deep neural networks, trained on a large dataset
- labeled audio containing various combinations of sounds
- The model learns to identify and separate the different audio sources based on their unique spectral and temporal characteristics during training

AI EmoCare - Treating Mental Health with Empathy (FYP)

- Implements a chatbot trained to provide therapeutic conversations, offering emotional support and guidance similar to a human therapist.
- Utilizes models like BERT and trained models to:
- Predict: Analyze user behavior and data to predict potential anxiety or depression.
- Analyze Sentiment: Interpret the emotional tone of user interactions.
- Generate Mental Score: Provide a personalized assessment of mental well-being.
- Offers a convenient platform for users to schedule online or in-person sessions with licensed psychiatrists.
- Presents visualizations and summaries of the user's mental health data, allowing them to track progress and identify patterns.

Skills

- | | |
|--------------------|-----------|
| • HTML | • Express |
| • CSS | • Node Js |
| • Javascript | • MongoDB |
| • React | • Python |
| • Machine Learning | • Java |

Reference

- To be furnished upon request