

Md Rafiuddin

Frontend Developer

(Web Application)

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Location: Hyderabad, IN

Web and Mobile Developer with expertise in React JS, React Native, HTML, CSS and JavaScript. Holds a B. tech in Mechanical Engineering. Passionate about web and mobile development, with a commitment to delivering high-quality results. Experienced in creating inclusive web applications for individuals with intellectual disabilities. Seeking opportunities to utilize technical skills, share knowledge, and contribute to impactful web and mobile development projects.

WORK EXPERIENCE (3 Years)

Maulana Azad National Urdu University – Web Application Developer

Feb 2024 – June 2024

Hyderabad, TS

During my role as a Frontend Developer at Maulana Azad National Urdu University, I developed a comprehensive Learning Management System (LMS) for intellectually disabled children, a project sponsored by the **Ministry of Electronics Information Technology, Government of India (MeitY project)**. This application is specifically tailored to serve children with moderate intellectual disabilities. Its primary aim is to contribute to the fulfilment of national health, family welfare, and mental health policies by providing training and education to intellectually disabled individuals, empowering them to become self-sufficient in their day-to-day activities. The development of this project will be informed by insights and expertise garnered from leading organizations in this field, including but not limited to NIEPID, the Rehabilitation Council of India, NIMHANS, and similar societies dedicated to enhancing the lives of individuals with disabilities.

The application caters to a diverse range of users:

- Administrators: Manage overall operations and user access.
- Institutes: Implement the application within educational and care institutions.
- Special Educators: Utilize specialized tools and resources for teaching and support.
- Parents: Access information and support services for their children.
- Students: Engage in educational modules and interactive learning.
- Psychologists and Psychiatrists: Provide mental health assessment and support.
- Nurses: Offer medical care and support services.
- Therapists (Speech/Occupational/Behavioral): Provide specialized therapies and interventions.
- Legal Professionals: Access legal resources and guidance.
- Peer Support Networks (Forums): Engage with peers and caregivers for mutual support.
- Social Workers: Provide community support and advocacy.
- Employment Providers: Facilitate job placement and vocational training.
- Policymakers: Inform policy decisions and improvements in disability services.
- NGOs and Community Organizations: Collaborate for broader support initiatives.
- Interdisciplinary Teams: Foster collaboration among different professionals for comprehensive care.
- Guest Users: Access limited features and information.
- Collaborated closely with special education professionals to understand user needs and incorporate tailored features into the app.
- Integrated multimedia content and interactive elements to enhance the learning experience for users with varying abilities.
- Conducted user testing and gathered feedback from educators and caregivers for iterative improvements.

- Collaborated with UX/UI designers to implement responsive and user-friendly interfaces.
- Conducted code reviews and collaborated with the QA team to ensure high-quality code.
- Developed and maintained a static website to provide information and resources for individuals with intellectual disabilities, their families, and educators
- Optimized application performance by implementing efficient algorithms and minimizing load times, ensuring smooth and fast user interactions.
- Utilized Git for version control and managed repositories, facilitating collaboration and ensuring code integrity.
- Integrated real-time data synchronization to keep user progress and content updates consistent across web and mobile platforms.
- Developed custom components and reusable modules to streamline development and ensure consistency across the application.
- Implemented accessibility features to ensure the application was usable by individuals with varying levels of disability.
- Managed deployment and continuous integration processes using tools like Jenkins and Docker, ensuring reliable and repeatable deployment workflows.
- Created detailed documentation for the application's architecture, APIs, and user guides to support future development and maintenance.
- Engaged in Agile development processes, participating in daily stand-ups, sprint planning, and retrospectives to maintain project momentum and alignment.

Intment Technologies (P) Limited – Web Application Developer

June 2021 – Jan 2024

Hyderabad, TS

During my tenure at Intment Technologies from June 2021 to June 2023 in Hyderabad, TS, I worked as a Web Application Developer, where I played a key role in developing and maintaining various web-based applications using React JS, HTML, CSS, JavaScript, JSON, and other UI technologies. I collaborated closely with a cross-functional team of designers and backend developers to ensure seamless integration of frontend and backend functionalities.

- Developing and maintaining many web-based applications using React JS, HTML, CSS, JavaScript, JSON, and other UI technologies.
- Collaborated with a cross-functional team of designers and backend developers to ensure seamless integration of frontend and backend functionalities.
- Implemented responsive design techniques to ensure the application is mobile-friendly and accessible across different devices.
- Integrated third-party APIs to enhance application functionality.
- Built reusable code and libraries for future use, ensuring codebase maintainability and scalability.
- Enhanced user interface responsiveness by applying mobile-friendly design techniques to web applications.
- Participated in code reviews to maintain code quality and shared best practices within the team.
- Designed and optimized complex user interfaces for performance and usability, ensuring a seamless user experience.
- Worked closely with product managers to define project requirements and scope, ensuring alignment with business goals.
- Utilized Redux for state management to maintain predictable and consistent application state.
- Implemented client-side routing with React Router for efficient navigation within the web applications.
- Ensured application security by implementing best practices for data protection and user authentication.
- Debugged and resolved front-end issues to maintain a smooth user experience.
- Conducted usability testing to gather user feedback and iteratively improve the application's design and functionality.
- Maintained up-to-date knowledge of emerging front-end technologies and frameworks to integrate the latest

advancements into the applications.

- Collaborated with backend developers to design RESTful APIs, ensuring efficient data exchange between front-end and back-end systems.
- Implemented version control and branching strategies using Git, enabling efficient team collaboration and code management.
- Optimized web applications for maximum speed and scalability, reducing load times and improving performance.
- Created and maintained unit and integration tests to ensure code reliability and prevent regressions.
- Engaged in continuous learning and professional development, attending workshops and conferences to stay updated on industry trends and best practices.
- Provided mentorship and guidance to junior developers, fostering a collaborative and growth-oriented team environment.
- Developed interactive and engaging user interfaces using advanced CSS techniques, animations, and transitions.
- Integrated analytics tools to track user behavior and application performance, enabling data-driven improvements.

EDUCATION

Corporate institute of science and technology - (B. Tech) Bachelor of Technology in Mechanical Engineering
2016 - 2019, Bhopal

Guru Nanak Dev Polytechnic - Diploma in Mechanical Engineering
2012 - 2015, New Delhi

SKILLS & TECHNOLOGIES

- **Frontend Technologies:** React JS, Redux Toolkit, MUI (Material-UI, a popular React UI framework), HTML, CSS, JavaScript, Bootstrap, Tailwind CSS
- **Mobile Application Development:** React Native (Basic)
- **OS:** Windows OS
- **Version Control:** Git, GitHub
- **Accessibility:** Experience in designing and implementing accessible features