DEBABRATA DATTA

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Profile

Frontend Engineer with 1.7+ years of experience building high-quality, user-friendly web applications. Proficient in React, TypeScript, and design frameworks. Strong focus on collaboration, communication, and delivering exceptional user experiences.

Skills

- **Soft Skills:** Quick Learning, Team Collaboration, Attention to Quality
- **Frontend Development (Proficient):** HTML, CSS, JavaScript, TypeScript, React, Redux, RxJS, SCSS, Styled-Components, Material UI, Tailwind CSS, Ant Design
- **Backend Development (Familiar):** Node.js, Express.js
- **Database (Familiar):** MongoDB

Work Experience

Tericsoft Technology Solutions Pvt Ltd | Junior Frontend Engineer   **05/2023 - Present**

- **UI Development:** Designed and developed responsive user interfaces using HTML5, CSS3, React, TypeScript, ES6, and RxJS, improving page load times by 20% through optimized code practices and component reusability.
- **Component & Module Creation:** Created reusable, testable components and frontend libraries, reducing development time for similar features by 30%.
- **Code Quality Assurance:** Ensured high-quality code by implementing unit tests with Jest, increasing test coverage to 95%, adhering to proper TypeScript practices, and reducing production bugs by 15%.
- **API Integration**: Integrated multiple RESTful APIs to enhance application functionality, finalizing required responses with the backend developer to ensure efficient data handling, reducing API response time by 25%.
- **Code Refactoring & Design Updates:** Regularly refactored code to improve maintainability scores in code review tools and updated designs, leading to a 15% reduction in UI-related bugs.
- **Data Visualization:** Built and integrated analytics features and interactive graph charts, improving data accuracy and reliability, which led to a 30% improvement in reporting precision.
- **Real-time Mapping:** Designed and implemented live location tracking features for real-time map visualization, reducing manual tracking errors by 40% and improving operational efficiency.
- **PDF Generation**: Built server-side functionality to generate customized PDFs from real-time data, reducing document preparation time by 30% and improving client-side load performance.
- **Code Reviews:** Reviewed code from junior colleagues to ensure quality, maintainability, and adherence to best practices, helping to reduce production bugs.
- **Client Requirement Gathering:** Collaborated with clients to understand their requirements and translated them into technical features, ensuring alignment between business goals and technical execution.

Education

- **Masai School (full time)**   **05/2022 - 02/2023**
  Full stack web development (MERN)

- **Ambedkar College, Tripura**   **08/2018 - 08/2021**
  Graduation

Certification

- **Responsive Web Design** - FreeCodeCamp (View Certification)