

MRINMAY PAUL

Frontend Developer

 mrinmaypaul165@gmail.com

 +91 8167038968

 New Town, Kolkata, West Bengal, India

 linkedin.com/in/mrinmay-paul-162a62231

 https://devmrinmay.vercel.app/

PROFESSIONAL SUMMARY

Frontend Developer with 2 years of experience building scalable web applications using React.js, Next.js, TypeScript, JavaScript, and Tailwind CSS. Experienced in responsive design, SEO optimization, REST API integration, component-driven development, performance optimization, accessibility (WCAG), and Agile/Scrum delivery. Currently contributing to a leading global automotive manufacturer's e-commerce platform at Tech Mahindra.

PROFESSIONAL EXPERIENCE

- Tech Mahindra

09/2024 – Present | Kolkata

Associate Software Engineer (Frontend)

 - Developed an automotive e-commerce platform from scratch using React.js, Next.js, TypeScript, and Tailwind CSS, as part of a cross-functional Agile team for a top car manufacturer.
 - Built an AI-powered conversational search feature enabling natural language queries, guided Q&A-style filtering, and personalized vehicle recommendations to improve vehicle discovery and user experience.
 - Developed 20+ reusable UI components (carousels, cards, banners, filters) using Shadcn UI, ensuring consistency and scalability across the platform.
 - Implemented SSR, SSG, and REST API integrations, achieving Core Web Vitals targets of LCP < 1.8s, CLS < 0.05, and INP < 200ms.
 - Optimized performance through lazy loading, code splitting, and image/font optimization, reaching Lighthouse scores of 90+ for Performance and SEO, and 95+ for Accessibility.
 - Wrote unit and integration tests using Vitest and collaborated through code reviews, sprint planning, and Agile/Scrum ceremonies.
- Freelance

01/2023 – 08/2024 | Kolkata

Frontend Developer

 - Developed a corporate website for a consultancy firm using React.js, JavaScript, HTML5, and Tailwind CSS.
 - Built service pages, blog modules, and contact forms with validation

EDUCATION

B.Tech, Electronics & Communication Engineering

07/2020 – 06/2024

Future Institute of Engineering and Management

CGPA: 8.93/10

TECHNICAL SKILLS

Frontend React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Shadcn UI	State Management Redux Backend Familiarity Java, MySQL, MongoDB	Testing Vitest, Unit Testing API Integration REST APIs	Performance & SEO SSR, SSG, Code Splitting, Lazy Loading, Core Web Vitals, Technical SEO
Tools Git, CI/CD, Figma, Agile/Scrum			

CERTIFICATIONS

- Github Copilot L1 V1 - Tech Mahindra
 - Build with Gemini - Google Cloud

AWARDS

Innovator of the Month

Tech Mahindra