Muskan

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🔗 https://portfolio-git-main-muskans-projects-2de0fc64.vercel.app/

PROFILE

Frontend Engineer with **1+ years of experience** delivering enterprise-grade React applications for manufacturing, connected mobility, and CRM workflows. Skilled in **React.js, JavaScript (ES6+), Context/Redux, WebSockets, REST APIs, component architecture, and converting Figma UI into production-ready code**. Experienced in building **factory automation dashboards, VIN-level inspection systems, secure multi-file workflows, multilingual UI, and real-time CRM messaging platforms**. Strong focus on **clean, scalable frontend design, performance optimization, and cross-functional collaboration with backend, QA, and product teams**.
Currently pursuing an **MBA in Data Science & AI** to enhance product, analytical, and AI-driven decision-making capabilities.

PROFESSIONAL EXPERIENCE

Solution Developer   01/2025 – present
Tata Technologies Limited   Pune
• Delivered **enterprise UI modules in both React and Angular**, including factory workflows and CRM messaging.
• Built **WebSocket-based real-time UI updates**, notifications, and workflow synchronization.
• Converted **Figma-approved UX into reusable, mobile-first production components**.
• Integrated backend APIs using **Postman testing, cURL validation, and controlled error handling**.

Graduate Engineer Trainee   08/2024 – 12/2024
Tata Technologies Limited
• Contributed to **React-based UI development, enhancements, and API integrations** for automotive platforms. • Performed **Postman-based API testing and cURL debugging**, ensuring accurate endpoint behavior before integration. • Supported **Agile sprint delivery, feature reviews, and frontend architecture learning**.

PROJECTS

Hero MotoCorp Factory Automation Platform (React — Live | Enterprise)
Tech: React.js, Context API, Axios, i18next, React-Hook-Form, PDF Export, REST
- Developed full front-end for **factory-floor process automation**
- Added **WebSocket event channel** for *live inspection status & operator updates*
- Built **advanced multi-file pipeline**: compression, preview, metadata & secure upload
- Engineered **multilingual UI (EN/Nepali/Spanish)** & offline-safe workflows
- Implemented **lazy loading, component memoization & optimization strategies**
- Enabled 1-click **PDF job card & QC report generation**
 Impact: Reduced manual steps, accelerated assembly workflows, and improved traceability

KIN CCS — Connected Car + EV Platform (React — Enterprise)
Connected car and EV charging UI for KIA with analytics, subscription journeys, and telematics visualization.
- Built **subscription renewal/upgrades**, EV charging UI, real-time monitoring screens, and charging history dashboards.
- Developed **Drive Green & EcoScore analytics**, CO_2 savings visualization, and eco-driving gamification.
- Designed mobile-first UI for **real-time vehicle insights and telematics behavior metrics**. **Impact:** Higher user engagement, digital adoption, and subscription monetization.

HMCL Real-Time Messaging Platform (Angular — Enterprise | Pre-Production)
WhatsApp-style internal communication and CRM workflow platform for dealers and operators.
- Built **real-time chat UI using WebSockets**, supporting message sync, notifications, typing states, and operator presence.
- Designed UI in Figma and converted approved designs into **mobile-first Angular components**.
- Performed **API testing using Postman, cURL verification, and endpoint integration into Angular services**. **Outcome:** Faster CRM engagement, improved service response, reduced manual intervention.

SKILLS

Frontend: Javascript , React.js, Context API, Redux , Angular, Typescript, Tailwind, HTML5, CSS3
Architecture: Modular UI, WebSockets, state isolation, lazy-loading, real-time event systems
APIs: REST APIs, Axios, HttpClient, **Postman testing, cURL validation & debugging**
Design: Figma UI/UX, responsive engineering, stakeholder reviews
Tools: Git, GitHub/GitLab, Webpack
Backend: Node.js (basic)

EDUCATION

Bachelor of Engineering in computer science   rajpura, India
Chitkara University (2020-2024)
CGPA - 9.74