SHIVAM AGRAWAL

Software Engineer

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SUMMARY

Results-driven Software Engineer with **3+** years of experience developing scalable web applications and dashboards using React.js, Redux, Node.js, and Tailwind CSS. Adept at leading Agile teams, integrating REST APIs, and delivering secure, responsive solutions. Proven ability to guide junior developers, debug efficiently, and deliver high-impact features.

TECHNICAL SKILLS

Frontend : Javascript, React.js, Redux, Hook, TypeScript, Tailwind CSS, Material UI, Context API, HTML, CSS, FlutterFlow

Backend : Node.js, Express.js, REST APIs, SQL, JWT Authentication, Python

Tools : Git, GitHub, Gitbook, VS Code, Postman, Debugging

Concepts : Responsive Design, OOP, GenAI, Data Structures & Algorithms

WORK EXPERIENCE

Leapmile Robotics | Software Engineer   **Aug-2022 - Present**

- Headed and mentored junior developers, conducted code reviews, and monitored Agile sprint progress to ensure timely and high-quality feature delivery.
- Engineered responsive web apps and dashboards using **React.js**, **TypeScript**, **Tailwind CSS**, and **Material UI** for managing smart lockers used by **1L+** users across **4** user roles and **5** operational modes.
- Built internal tools and external modules with **FlutterFlow**, integrating custom **HTML/JavaScript** for enhanced UI/UX beyond native widget capabilities.
- Developed real-time dashboards for Nanostore Cube Robots, enabling user-robot interaction in dark warehouse operations for **3+** enterprise clients.
- Implemented scalable UI logic using **Redux**, **React Hook Form**, and **Context API** to ensure maintainable frontend architecture.
- Integrated RESTful APIs, configured **JWT-based authentication**, and contributed backend features using **Node.js** and **SQL** for secure, role-based access control.
- Demonstrated strong skills in **problem-solving**, **time management**, and **team collaboration**, contributing to the successful launch of multiple client-facing applications.

PROJECTS

MediTrack – Medical Study & Monitoring System 🔗

MediTrack is a medical study and patient monitoring web app built with React.js, Redux, Tailwind CSS, and Node.js. It allows doctors, students, and researchers to log case studies, track patient vitals, and visualize data. The platform ensures secure, real-time data access and responsive design across devices.

Tech Stack: React.js, Redux, Tailwind CSS, Node.js, Express.js

- Developed UI using functional components and Hooks for real-time responsiveness.
- Managed authentication and medical records with Redux.
- Built RESTful APIs for user, patient, and study data using Node.js.

E-Commerce Platform Development 🔗

This e-commerce platform delivers a seamless, secure, and modern shopping experience. It is customizable and scalable, making it suitable for startups, mid-size retailers, or large enterprise deployments. The architecture ensures maintainability, performance, and future-proof extensibility.

Tech Stack: React.js, JSX, Tailwind CSS, Redux, API, SQL, Python

- Reduced response time by **35%** through optimized UI with React.js and Redux.
- Developed backend APIs with Node.js and handled SQL-based data operations.
- Enforced privacy protocols and backend efficiency for scalability.

EDUCATION

Master of Computer Applications (MCA)	MS Ramaiah Institute of Technology	2021 – 2022
Bachelor of Computer Application (BCA)	Teerthankar Mahaveer University	2017 – 2020