

Dev Tyagi

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INTRODUCTION

Enthusiastic and detail-oriented B.Tech Computer Science student at the College of Engineering Roorkee, passionate about front-end development. Skilled in HTML, CSS, JavaScript, Python, and modern web practices. Strong problem-solving ability with a drive to learn and contribute to impactful real-world projects.

EDUCATION

B.Tech in Computer Science

2022 – 2026(Pursuing)

College of Engineering Roorkee

12th (CBSE)

Completed: 2021

10th (CBSE)

Completed: 2019

PROJECTS

Smart Transport Management System

- Developed a responsive Smart Transport Management Dashboard using React.js, focusing on modern UI/UX principles and clean component architecture.
- Designed role-based interfaces (Client & Driver) with conditional rendering and protected routes using React Router.
- Built dynamic forms for shipment requests and route declaration with real-time state updates using React Hooks.
- Managed application state using Context API to handle authentication flow and user-specific dashboard data.

Online Food Ordering Web Application

- Developed a responsive Online Food Ordering Web Application using React.js with dynamic menu browsing and cart management functionality.
- Implemented real-time cart updates with quantity control and total price calculation using React state management.
- Designed reusable UI components such as Food Cards, Cart Panel, Navbar, and Checkout Forms for scalable architecture.
- Built category-based filtering and search functionality to enhance user experience and quick food discovery.

LifeLine – Smart Blood Donation & Management System

- Developed a healthcare-focused blood donation management frontend using React.js, enabling efficient donor registration and patient request handling.
- Designed and implemented blood group-based search functionality to filter donors dynamically using state-driven UI updates.
- Built interactive dashboards to visually display blood availability and request statistics.
- Created structured and validated registration forms with real-time input validation to improve data accuracy and user experience.

SKILLS

Languages/Frameworks: HTML, CSS, JavaScript, React.js, Python, MySQL

Soft Skills: Problem Solving, Communication, Team Coordination

Hobbies: Cricket, Travelling, Watching Movies

CERTIFICATIONS

Front End Web Developer Certification