

# Suraj Rawat

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## PROJECTS

### Prescripto - 🏥 Medical Appointment Booking App

[Github](#) / [Live](#)

Tech: React, Node.js, Express.js, MongoDB, Tailwind CSS, Stripe, Razorpay, JWT, Cloudinary, Bcrypt

#### - Key Highlights :

- Developed a **full-stack MERN application** enabling real-time doctor appointment bookings with conflict-free slot validation.
- Integrated **Razorpay & Stripe**, facilitating secure online transactions with a **100% success rate** in test environment.
- Engineered **JWT-based authentication with bcrypt hashing** ensuring secure user data protection and access control.
- Created **20+ RESTful API endpoints** managing patient, doctor, appointments, and booking workflows efficiently.
- Improved initial application load performance by implementing **React lazy loading and Suspense**, achieving **40% reduction in first meaningful load time** and improving overall user experience..
- Built a **fully responsive medical dashboard UI** using Tailwind CSS for seamless cross-device accessibility.

### Forever - 🛒 Full-Stack MERN E-Commerce Platform

[Github](#) / [Live](#)

Tech: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, JWT, Razorpay, Stripe, Cloudinary

#### - Key Highlights :

- Built a **production-grade MERN e-commerce platform** supporting **50+ products**, carts, and secure checkout workflows.
- Implemented **JWT-based authentication** with role-based protected routes for **users and admins** across sessions.
- Designed a **dynamic cart system with size-wise quantity tracking**, improving checkout accuracy by 100%.
- Integrated **Stripe and Razorpay payment gateways** supporting online payments and COD with **95%+ transaction success**.
- Developed **complete order lifecycle** including placement, payment verification, order history, and real-time status tracking.
- Engineered **15+ scalable RESTful APIs** for products, carts, orders, and payments using clean backend architecture.
- Delivered a **fully responsive UI using Tailwind CSS**, ensuring consistent UX across mobile, tablet, and desktop devices.

### Imagify - 🖼️ AI Text-to-Image Generator

[Github](#) / [Live](#)

Tech: React, Node.js, Express.js, MongoDB, Tailwind, Razorpay, Clipboard AI

#### - Key Highlights :

- Built a **credit-based AI image generation platform** producing high-resolution images in **under 3 seconds**.
- Integrated **Clipboard AI API** for real-time text-to-image generation with optimized response handling.
- Designed a **credit wallet system**, requiring users to purchase credits before initiating image generation.
- Implemented **Razorpay payment integration**, achieving **95%+ payment success rate** across transactions.
- Improved perceived performance using **lazy loading, skeleton loaders, and controlled re-rendering**, reducing UI wait time by **30%**.

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), HTML5, CSS3, Java, TypeScript, Python

**Frameworks & Libraries:** React.js, Node.js, Express.js, Mongoose, Tailwind CSS, Axios, Framer Motion, GSAP, ScrollTrigger

**Databases:** MongoDB, SQL (MySQL), Mongoose ODM

**Tools:** GitHub, Figma, VS Code, Eclipse, Postman, Netlify, Vercel, Render, NPM, Chrome DevTools

**APIs & Integrations:** Razorpay, Stripe, Clipboard AI, JWT, Bcrypt, Cloudinary

## SOFT SKILLS

- Self-Driven & Proactive Learner
- Adaptability, Problem-Solving, Debugging Mindset & Quick Learning
- Attention to Detail, Growth-Oriented Mindset
- Time Management, Collaboration & Teamwork

## CERTIFICATIONS

- Frontend Development - Sheryians Coding School
- Backend Development - Sheryians Coding School

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## EDUCATION

**Bachelor of Technology in Computer Science**

Oriental College of Technology, Bhopal | 2021 – 2025

**CGPA:** 7.4/10

**Higher Secondary Education**

VKHS Hr. Sec. School, Dabra, MP | 2018 - 2021

**Class XII:** 82.7%, **Class X:** 83.4%

## ACHIEVEMENTS

- 2nd Place**, College Photography Competition – TechFizz 2023
- Successfully designed and deployed **multiple full-stack applications** with live production hosting.