

Krishna Gupta

ENGINEERING STUDENT

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Projects

Anandam Wellness | React.js, Next.js, Node.js, Express.js, Socket.IO, WebRTC, MongoDB

- Developed a scalable **telemedicine platform** using **Next.js App Router**, designed to support 500 concurrent consultations with real-time capabilities.
- Integrated **Razorpay** for payment processing, unlocking chat/video access and increasing monetization by 100%.
- Implemented high-quality **real-time chat** and **1:1 video calls** with **Socket.IO** and **WebRTC**, enabling interaction.
- Designed an interactive doctor dashboard for patient management, prescription sharing, and file uploads via **Cloudinary**, reducing manual work by 60%.

Opulenza Shopping | React.js, Next.js, Node.js, MongoDB, Tailwind CSS

- Engineered a responsive e-commerce platform with **Next.js** and **React**, reducing load time by 40% and increasing retention by 25%.
- Implemented secure **OAuth & email/password** authentication and integrated **Razorpay**, improving conversion rates.
- Embedded **Gemini AI chatbot** for instant customer support, cutting average response time by 50%.
- Optimized backend APIs and MongoDB queries for faster data handling and improved scalability.

Price Tracker & Predictor | Next.js, Node.js, Puppeteer, Python, MongoDB, Nodemailer, Recharts

- Built a full-stack app showing historical prices and predicting future prices using Python Prophet.
- Automated price scraping every 12 hours with Puppeteer and saved data in MongoDB.
- Integrated email alerts using Nodemailer to notify users instantly on price drops of their tracked products.
- Visualized price trends using Recharts to improve user engagement and data understanding.

Internship / Experience

Astute Lex Servicado Pvt. Ltd.

Sep 2024 – Dec 2024

Software Developer Intern (Remote)

- Developed the frontend for an AI-driven platform that streamlines legal contract creation.
- Integrated backend APIs and Razorpay payment gateway for secure transactions.
- Improved system reliability and workflow to handle over 100 contract requests per day.
- Collaborated with cross-functional teams to communicate requirements and deliver features on time.

Technical Skills

Languages: C, Java, JavaScript, Python

Web Technologies: HTML, CSS, React.js, Next.js, Tailwind CSS

Databases & Backend: MongoDB, Node.js, Express.js, REST APIs, Razorpay Integration

Developer Tools: Git, GitHub, VS Code, Postman, Canva

Core Concepts: Data Structures & Algorithms, Object-Oriented Programming, DBMS, Operating Systems

Education

Jabalpur Engineering College, Jabalpur

Expected Jun 2026

Bachelor of Technology in Computer Science And Engineering

City Montessori School, Morena

May 2020 – Mar 2022

Higher Secondary (81.8%)

Achievements / Activities

- Secured **First Position** in **PRAHAAR**, a coding contest organised by the Department of Information Technology, JEC Jabalpur (March 2025), by solving algorithmic challenges using efficient data structures and logic.
- Competed in Code Rumble 2.0 at **IIT Jabalpur** and solved multiple time-bound coding problems.
- Participated in Smart India Hackathon 2025 and worked on a patient management system with appointment booking.
- Solved 200+ coding challenges on **LeetCode** and **CodeChef**, enhancing data structures and algorithms expertise.