

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 over 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 with <200ms latency.
- 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 by 20%.
- 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*

- Built a full-stack app showing historical price charts 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.
- Crafted responsive UI with Next.js to enable easy search, product tracking, and visualization of price trends.

GetMeACoffee | *React.js, Next.js, Node.js, MongoDB, Tailwind CSS*

- Launched a creator support platform inspired by Patreon, attracting 200+ users within 2 months and enabling direct creator-fan interaction.
- Crafted a mobile-friendly frontend using **Next.js** and **Tailwind CSS**, improving accessibility across devices.
- Built a modular backend with **Node.js** and **MongoDB**, ensuring consistent data flow and maintainability.
- Enabled fan donations and messaging through **Razorpay**, enhancing engagement and revenue flow for creators.

Technical Skills

Languages: C, Java, JavaScript, Python, HTML, CSS

Frameworks/Libraries: React.js, Next.js, Express.js, Tailwind CSS, Socket.IO, WebRTC

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

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

Operating Systems: Windows, Basic Linux (Shell navigation, file handling, permissions)

Core Concepts: Data Structures & Algorithms, Object-Oriented Programming, Dynamic Programming, Web Development

Education

Jabalpur Engineering College ,Jabalpur

Expected June 2026

Bachelor of Technology in Computer Science And Engineering (CGPA: 6.86 / 10.00)

City Montessori School,Morena

2020 - 2022

Higher Secondary (81.8%)

Achievements / Activities

- Completed **Python Basics Training** at **Live Wire, Jabalpur**; solved 50+ algorithmic problems.
- Solved 200+ coding challenges on **LeetCode** and **CodeChef**, enhancing data structures and algorithms expertise.
- Developed AI-powered platform in **Smart India Hackathon 2025**, automating 100% of patient booking, scheduling, and notifications using **Next.js**, **Node.js**, and **AI APIs**.