

SUJAL SARASWAT

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🐦 x.com/createSujal 📁 My portfolio

Technical Skills

Languages: JavaScript, Java, Python

Backend: Node.js, Express.js, RESTful APIs, JWT, MongoDB, Firebase

Frontend: React.js, Next.js, React Native, Tailwind CSS, Material UI

Tools: AWS, Docker, Git, GitHub, Vercel, Render, Jest, Postman

Academics: DBMS, Operating Systems, Computer Networks, OOPS, DSA

Projects

ShopZilla (E-Commerce Platform)

MERN, Cloudinary, Razorpay, Jest

- Developed a scalable e-commerce platform supporting **120+ products** with optimized image delivery and **secure payments**.
- Implemented secure authentication and authorization using **JWT-based login** and role handling.
- Integrated **Cloudinary** for optimized image storage and delivery of product assets.
- Implemented and used **Razorpay** API service for secured payments integration.
- Deployed and managed application infrastructure using **Render** and **Vercel** for improved performance and scalability.
- Wrote unit and integration tests using **Jest** to ensure application reliability.
- GitHub

TripNest (Travel Booking Platform)

MERN, Material UI, REST APIs, JWT

- Developed a full-stack travel booking platform enabling users to explore destinations and plan trips.
- Implemented **secure user authentication** and **session management** using JWT.
- Designed **RESTful APIs** for trip listings, booking management, and user data handling.
- Built responsive and user-friendly interfaces using **React** for seamless navigation.
- Structured backend architecture with **Node.js**, **Express.js**, and **MongoDB** for scalability.
- Used **Material UI** and Focused on clean UI, smooth **user experience**, and optimized frontend performance.
- GitHub

Tutorly.ai (Doubt-solving chatbot)

React.js, Chatbot, Generative AI

- Built an **AI-powered chatbot** to answer syllabus and exam-related academic queries.
- Integrated **Google Gemini API** for natural language understanding and responses.
- Provided access to previous year questions and subject-wise academic assistance.
- Optimized **prompt engineering** and API usage to reduce **latency** and **token cost**.
- Ensured responsive design and performance optimization using Tailwind CSS.
- Designed animated and **interactive UI components** using GSAP.
- GitHub

Experience

CollegeTips.in

Apr 2025 – June 2025

Full-stack developer

- Developed responsive web interfaces using React.js and Tailwind CSS, ensuring cross-device compatibility.
- Optimized backend logic and database queries with MongoDB and Mongoose, enhancing API performance and reducing response time for frequently accessed data.
- Gained experience working in a production codebase with git, github and agile team environment.
- Debugged and resolved frontend and backend issues by analyzing API responses and logs, improving overall application stability and reducing runtime errors.

Education

Lakshmi Narain College of Technology, Bhopal

B.Tech in Computer Science

2023 – 2027

CGPA: 7.0 / 10

Certifications / Achievements

- Solved 500+ coding problems on CodeChef
- Finalist – BIST Idea Hackathon 2025
- Finalist – Smart India Hackathon 2024
- Participant – Samadhan 2.0 Gen AI Hackathon