# SUJAL SARASWAT

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## Technical Skills

**Languages:** JavaScript, Java, Python, C++
**Frontend:** React.js, Next.js, React query, Material UI, Tailwind CSS, GSAP, Figma
**Backend:** Node.js, Express.js, MongoDB, Mysql, Firebase, JWT
**Tools:** AWS, Cloudflare, Docker, Git, GitHub, Vercel, Render, VS Code, IntelliJ, Postman, Jest

## Projects

**ShopZilla (E-Commerce Platform)**                                      *MERN, MUI, AWS, Cloudinary, Jest*

- Designed and developed a scalable full-stack e-commerce platform using the MERN stack.
- Implemented secure authentication and authorization using JWT-based login and role handling.
- Built RESTful APIs for product management, cart operations, and order handling.
- Integrated Cloudinary for optimized image storage and delivery of product assets.
- Utilized Material UI (MUI) to create a clean, responsive, and consistent user interface.
- 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 — Live Demo

**TripNest (Travel Booking Platform)**                                      *MERN, 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.
- Focused on clean UI, smooth user experience, and optimized frontend performance.
- GitHub — Live Demo

**Tutorly.ai (Doubt-solving chatbot)**                                      *React.js, Chatbot, Gemini API*

- 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.
- Designed animated and interactive UI components using GSAP.
- Ensured responsive design and performance optimization using Tailwind CSS.
- Improved student productivity by offering a centralized academic support platform.
- GitHub — Live Demo

## Experience

**CollegeTips.in**                                                                **Apr 2025 – june 2025**
*Frontend Intern*

- Contributed to frontend UI development of the company's website.
- Delivered frontend and 3D web development sessions to student communities.
- Gained valuable soft skills including communication, collaboration, and mentoring while working in a startup team environment.

## Education

**Lakshmi Narain College of Technology, Bhopal**                                **2023 – 2027**
B.Tech in Computer Science                                                       CGPA: 7.5 / 10

**Model Higher Secondary School, Bhopal**                                        **2021 – 2023**
Senior Secondary (12th), Percentage: 87%

## Certifications / Achievements

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