

# SUJAL SARASWAT

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My portfolio

## Technical Skills

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**Languages:** JavaScript, TypeScript, Java, Python

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

**Frontend:** React.js, Next.js, React Query, Tailwind CSS, Material UI

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

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

## Projects

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### Cinesocial (Social Media Platform)

*MERN, Redis, Socket.IO, React Query, Postman*

- Built an anonymous social platform featuring personalized feeds, communities, movie discussions, and **real-time** group chat.
- Implemented secure JWT authentication with **Access/Refresh Token**, protected routes, and **API rate limiting**.
- Developed scalable feed and community systems using **Redis caching** and **cursor-based pagination**.
- Engineered real-time community messaging with **Socket.IO** and Built fast and secured **movie recommendation system** with TMDB API.
- Enhanced performance using **React Query**, lazy loading, API caching and optimized database queries.
- GitHub [Live Demo](#)

### 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.
- GitHub [Live Demo](#)

### Shadowsafe-AI (AI-powered Safety and Alert System)

*MERN, React Native, Cloudinary, Gen AI*

*Backend Developer - Hackathone Project*

- Engineered backend services using Node.js, Express.js, and MongoDB following **MVC architecture**.
- Built APIs for **SOS alerts**, **real-time** location tracking, and **SMS data storage**.
- Implemented phone number-based authentication with **OTP verification** for secure user onboarding
- Designed and integrated media upload pipeline using **Multer + Cloudinary** for handling images and audio evidence.
- GitHub

## Experience

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### NexisparkxTechnologies

**Apr 2026 – present**

*Full-stack Developer Intern*

- Developed and maintained scalable MERN-stack applications, primarily focusing on backend architecture, API development, and production-ready system design.
- Implemented secure authentication, OTP verification, payment integrations, notification systems, and role-based access control.
- Built and optimized admin panels, CMS modules and financial dashboards to streamline platform operations.
- Improved application performance through database optimization, caching strategies, security practices.
- Collaborated in an Agile team environment using Git/GitHub, contributing to high-quality code, code reviews, and successful production deployments.

## Education

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### Lakshmi Narain College of Technology, Bhopal

B.Tech in Computer Science

**2023 – 2027**

CGPA: 7.0 / 10

## Certifications / Achievements

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- Solved 500+ coding problems on CodeChef
- Finalist – Technocrats Innovation Challenge - 2026
- Finalist – BIST Idea Hackathon 2025
- Finalist – Smart India Hackathon 2024