RISHI PORWAL

Indore, Madhya Pradesh

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Summary

Full-stack focused Computer Science undergraduate with hands-on experience building scalable web applications using React, Django, and REST APIs. Developed and deployed AI-based projects involving sentiment analysis, JWT authentication, and PostgreSQL integration. Proficient in Python and modern frontend development with strong interest in AI-driven systems, backend engineering, and scalable software development.

Technical Skills

Python, JavaScript, C++, SQL | React.js, Vite, Tailwind CSS, Bootstrap, HTML/CSS | Django, Django REST Framework (DRF), Node.js, JWT Authentication, REST APIs | PostgreSQL, SQLite, MySQL | Git, GitHub, Postman, Vercel, Render | Exploring Next.js, Docker, GraphQL

Projects

Unbiasify — AI-Powered Bias & Sentiment Detection Platform | React.js, Django REST Framework, PostgreSQL, JWT

- Architected a full-stack platform using React and Django REST Framework, achieving seamless data persistence with a managed PostgreSQL instance.
- Designed NLP-based text analysis workflows using TextBlob for sentiment and bias detection with real-time user feedback.
- Implemented JWT-based authentication including login, signup, token refresh, and password reset workflows for secure user access.
- Developed REST APIs for user profile management, analysis history tracking, and seamless frontend-backend communication.

TechNova — Full-Stack Company Website with Admin Dashboard | React.js, Vite, Django REST Framework, PostgreSQL

- Built a full-stack company management platform using React, Vite, and Django REST Framework with responsive multi-page architecture and admin dashboard functionality.
- Developed scalable REST APIs with DRF pagination, authentication flows, and structured backend integration for dynamic frontend data handling.
- Designed modern interactive UI components using Tailwind CSS, glassmorphism effects, and OGL-powered visual animations for enhanced user experience.
- Managed frontend-backend integration, API communication, deployment workflows, and project structure optimization for production-ready delivery.

Education

Bachelor of Technology — Computer Science & Engineering 2023-2027
Medicaps University, Indore

CBSE XII (PCM) — 89.4% | CBSE X — 84.6%

Experience

Technical Head – Maths Club, Medicaps University June 2025 - Present

- Lead technical events and workshops; manage team coordination and event planning
- Drove strategy and execution for club initiatives as part of the core leadership team

Executive Member – AIESEC Indore Jan 2025 – Jul 2025

- Contributed to youth leadership initiatives and cross-cultural exchange campaigns

Achievements & Activities

- Attended IoT workshop at MANIT Bhopal — hands-on exposure to IoT technologies
- Attended Web Development bootcamp at IIT Indore — modern frameworks and tools
- Interests: Chess, Travelling, Flute, Sketching