RISHU KUMAR

☎ +917549765831 ✉ rishukr930@gmail.com 🔗 rishu--kumar ⬡ rishu-7549 ⊕ portfolio

SUMMARY

An enthusiastic and detail-oriented MCA graduate with a strong foundation in software development, web technologies, and database management. Eager to leverage my technical and analytical skills to support a dynamic organization through continuous learning, collaboration, and innovative problem-solving.

PROJECTS

Baat- Karein   MERN Stack   **Baat - Karein**

- Built a real-time chat app using MERN stack and Socket.io with <100ms latency, chat history with infinite scroll, and a fully responsive UI.
- Implemented JWT-based auth with role-based access and Bcrypt.js, achieving 99.9% login success and a stable and secure backend with uptime >99.5%.
- Deployed the application on Vercel, integrating MongoDB and optimized for 100+ concurrent users and efficient real-time data handling.

Zaika   HTML | SCSS | React | Axios   **Zaika**

- Developed a responsive Food Recipe App using React, SCSS, and Axios, integrating the MealDB API to showcase 50+ meals with real-time search functionality.
- Implemented dynamic routing for smooth navigation between homepage and detailed recipe views, enhancing user experience.
- Optimized API performance by refining Axios calls and applying conditional rendering, reducing unnecessary fetches by 30% and achieving API response times under 300ms.

College Events Scraper API   Python | FastAPI   **EventScout**

- Built a FastAPI backend to scrape and aggregate student club and department events from CMRIT websites, delivering structured JSON data efficiently.
- Enhanced web scraping with BeautifulSoup and LRU caching, improving efficiency by 40% and enabling real-time event access with API response times under 300ms.

Degree	Majors	Institute	Year	CGPA/%
Post Graduation	MCA (Master of Computer Application)	CMRIT	2022-2024	9.05
Graduation	BCA (Bachelor of Computer Applications)	COCAS	2018-2021	7.0

TECHNICAL SKILLS

Programming   JavaScript | Java | Python
Development   HTML | CSS | Tailwind | ReactJs | NodeJs | MongoDB | SQL
Tools   GitHub | VSCode | Intellij | Xampp | Postman | Firebase
API   Restful API | Axios | FastAPI
Methodologies   Agile | Scrum
Deployment   Vercel | Netlify | Render
Soft skills   Time Management | Problem-solving

KEY COURSES UNDERTAKEN

Computer Science

Structured Programming Approach, Data Structures and Algorithms, Operating Systems, Computer Networks.

ACHIEVEMENTS

- As a member of the Student Club, I participated in organizing several events.
- Secured 82% in NPTEL "The Joy of Computing using Python".