

Rajat Agrawal

[Portfolio Link](#)

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SUMMARY

Highly skilled **Web Developer** with over 4 years of experience in designing, developing, and managing dynamic websites and web applications. Expertise in front-end technologies such as HTML, CSS, and JavaScript, and advanced proficiency in React and Node.js for back-end development. Proven ability to create responsive, user-friendly designs optimized for performance and SEO. Experienced in collaborating with cross-functional teams to deliver high-quality projects within deadlines. Passionate about continuous learning and staying current with industry trends to implement innovative web solutions. Seeking to leverage my skills and experience to contribute to the company's success by building cutting-edge web applications that drive engagement and deliver exceptional user experiences.

PRACTICAL SKILLS

ICT

Programming Languages	Python, JavaScript, Java, C, C++, PHP, Kotlin , R, Typescript , SQL
Web Development	HTML, CSS, React , Angular , Vue.js , Node.js , Bootstrap, jQuery
Mobile Development	Android (Kotlin & Java), Flutter , React Native
Database Management	MySQL, MongoDB, SQLite, Oracle, Microsoft SQL Server, Firebase
UI/UX Design	Figma, Canva, Wireframing, Prototyping, Sketch, Adobe XD
Version Control	Git, GitHub
Data Science & ML	PyTorch, NumPy, Pandas, Jupyter Notebooks

OTHER

Languages	Fluent in English Fluent in Hindi
Management Skills	Leadership Qualities, Event Management, Efficient Planning, Public Speaking.

PROJECTS

VITASK

- *Developed an Android application for students to access information related to college clubs and chapters, manage assigned tasks, and view and register for events.*

Cashflow Software

- *Designed software to track transactions in a board game inspired by Robert Kiyosaki's "Rich Dad & Poor Dad."*
- *Built for an event organized by Bulls and Bears Club with more than 100 participants, to avoid the task of manual transaction tracking.*

Conference Website

- *Built a website using HTML and CSS for an international conference at the college, providing a centralized location for all important information and links.*

Hackathon Website

- *Built a website using HTML, CSS, JS, and Firebase API to facilitate the hackathon conducted for classmates, where they defined the architecture and built the working models of different biometrics. It served as a platform for all the participants to register in teams, and the dashboard feature helped them keep track of their progress and upload all the necessary files for reviews to the storage offered by Firebase.*

Club Website

- *Created a landing website for the Bulls and Bears Club, currently hosted on Vercel, showcasing my enthusiasm for web development.*

Review Paper

- *Authored a review article under the guidance of Dr. Priya M on the topic “Impact of Machine Learning on Network Traffic Management,” inspired by the work “Towards AI-enabled traffic management in multipath TCP: A survey” by Siddiqi et al. (2021).*

ZWIFT

- *Proposed a B2B business startup idea focused on fast grocery delivery from wholesalers to consumers and wholesalers. Detailed planning included business strategy, customer acquisition, budgeting, revenue, and marketing models.*

Binary Addition Software Using Python

- *Developed a tool as an assignment, utilizing the Tkinter module to demonstrate binary addition and subtraction, making the learning process enjoyable.*

Airbnb Clone

- *Created a clone website of Airbnb to enhance my front-end development skills.*

WebApp – Trade Tracking

- *Developed a web app with multiple functionalities to simulate a trading pit environment for an event, reducing manual transaction processing and human error, while ensuring security.*

Event Leaderboard

- *Designed an interactive leaderboard integrating Excel Sheets using the Excel API to fetch live scores and update team rankings in real-time.*

Chain Reaction

- *Built a web game inspired by the mobile game, using JavaScript for the logic and a basic front end for interactive UI elements.*

Design Works

- *Created multiple banners, posters, and social media posts for various campus clubs and events.*
- *Led a team of designers to produce aesthetically appealing posts for the club, driven by a passion for subtle and modern illustrations.*

WORK EXPERIENCE

Crowdfunding Intern, Muskurahat Foundation, Mumbai

| 05/24 – Present |

- *Facilitate education access for underprivileged individuals by raising funds through crowdfunding efforts.*
- *Proudly contribute to the organization's mission of bringing smiles and improving lives through educational initiatives.*

Freelancer

| 01/23 – 04/24 |

- *Developed websites, web applications, and landing pages for multiple clients.*
- *Designed logos and banners for various projects.*
- *Created small-scale mobile applications.*
- *Performed data entry tasks.*

Intern, My SAP Skills, Bangalore

| 04/22 – 12/22 |

- *Transcribed course videos to enhance accessibility and comprehension for learners.*
- *Edited and designed video content to align with company requirements and standards.*

EDUCATION

Vellore Institute of Technology *Vellore, Tamil Nadu, India*
Fifth Semester | 2022 - Present |
Integrated MTech – Software Engineering | CGPA: 9.84

Indian Heritage School *Jasidih, Jharkhand, India*
Higher Secondary | 2022 |
Central Board of Secondary Education – Science Stream | 94.25%

Indian Heritage School *Jasidih, Jharkhand, India*
Secondary (CBSE) | 97% | 2020 |

Bharat Bharati Public School *Godda, Jharkhand, India*
Primary and Middle School Education | 2018 |

EXTRACURRICULAR ACTIVITIES

Vice Chairperson, Bulls and Bears Club, VIT Vellore | 01/24 – Present |

- *Oversee a core group of over 2,000 finance enthusiast students.*
- *Organize events to disseminate knowledge and skills in alignment with Student Welfare Regulations.*
- *Foster harmony among club members and board members.*
- *Assist the chairperson in fulfilling their duties.*
- *Promote the club and expand its presence across the campus.*

Member & Student Coordinator, SIAM, VIT Vellore | 01/23 – 01/24 |

- *Helped in conducting various club events.*
- *As Student Coordinator, I had the responsibility to foster smooth functioning of the club during the unavailability of the board along with other coordinators.*

Senior Core Member, Juvenile Care, VIT Vellore | 01/23 – Present |

- *Visited Cancer Care in the city biweekly to teach and entertain children affected by cancer, representing the club with other students.*

Programme Representative, Integrated MTech – Software Engineering | 10/23 – Present |

- *Coordinated between office bearers and students of my batch.*
- *Communicated student grievances and requests to the Head of Department and Secretary.*

Head Boy | 04/18 – 01/20 |

- *Maintained school decorum and assisted in morning assemblies.*
- *Organized and led a team of volunteers to support the school's administrative tasks.*

Anchor

- *Conducted and hosted multiple events with large audiences, including school functions and other events in the city, leveraging strong public speaking skills.*