

GAJRAJ SINGH BHATI



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Education

Rajasthan Technical University Kota

BTech in Information Technology

07/2021 – 07/2025

Kota, Rajasthan, India

Experience

Full Stack Developer Intern

Dooper.in

05/2024 – 07/2024

Kota, Rajasthan, India

- Developed and managed databases, implementing efficient data fetching and storage mechanisms.
- Reduced the number of lines of code by 45 percent with the help of utilisation of reusable components in React.js.
- Contributed to the development of RESTful APIs using Node.js and Express.js.

Technical Content Writer

Tutorialspoint.com

07/2023 – 10/2023

Remote

- Contributed articles in Python language.
- Authored technical articles on Python programming, enhancing the user engagement on platform's educational content.
- Worked with the SEO team on articles ranging from 800 to 3000 words, adhering to a zero-plagiarism policy.

Projects

Video Conferencing Platform

Leveraging Modern Web Technologies

04/2024 – 05/2024

- Developed a real-time video conferencing platform featuring secure user authentication, meeting scheduling.
- Utilized React for an interactive front-end, Node.js and Express for a scalable back-end, and WebRTC for seamless video and audio communication.
- Focused on state management and user experience design to deliver a smooth, responsive, and intuitive interface.

Realtime Document Collaboration Tool

live updates and seamless multi-user interactions

11/2023 – 01/2024

- Created a real-time document collaboration tool, enabling synchronous editing and updates similar to Notion or Google Docs.
- Implemented collaborative features such as live text editing, user presence tracking, and simultaneous document interactions, ensuring seamless multi-user experiences.
- Gained expertise in real-time communication protocols to enhance user engagement and efficiency in collaborative environments.

Achievements

Selected as a open source contributor in Girlsript Summer of Code 2023,24

Selected as a Campus Ambassador for the year 2023 in Campus Mantri program of GeeksforGeeks

Selected as a Campus Ambassador for the year 2023 in Unstop, helped over 100+ students from my college to participate in various hackathons

Skills

Programming Languages/Web Technologies: JavaScript, Python, C/C++, HTML, CSS

Framework/Libraries: ExpressJs, ReactJs, NextJs, NodeJs, Bootstrap, Tailwind CSS

Database: MongoDB, MySQL, PostgreSQL

CS Fundamentals: Operating System, DBMS, Computer Networking, Object Oriented Programming

Tools/Technologies: Git/GitHub, VS Code, Agile, AWS Cloud, Ubuntu, Linux, Postman, Figma

Leadership

Executive Team Member

Placement Cell, Rajasthan Technical University Kota

10/2022 – Present

Kota, Rajasthan, India

- Managed design related work of Placement Cell.

Beta Microsoft Learn Student Ambassador

Microsoft

09/2023 – Present

Remote

- Hosted 15+ technical events with 300+ participants.