

Rakshika Singh

✉ rakshika263901@gmail.com

☎ 7876682278

in rakshika-singh-7b5890314

🐙 rakshika2639

Professional Summary

Second-year B.Tech student in Computer Science (Cybersecurity and Digital Forensics) at VIT Bhopal University, with hands-on experience as a Core Member of the Web Development Team in iCreate Club, enhancing real-time engagement and honing teamwork skills. Proficient in Python, SQL, C++, and Java, I am an enthusiastic learner contributing to open-source via GSSOC'25 and ranking in the top 1% on TryHackMe, while actively participating in daily coding challenges on LeetCode and Codeforces to solve real-world problems. Eager to collaborate on innovative tech initiatives, apply cybersecurity knowledge through internships and projects, and contribute to dynamic teams in the field of computer science.

Skills

- **Technical Languages:** C++, HTML, JS, CSS, Python, MySQL, PostgreSQL, Ruby, Rust, Kotlin
- **Soft Skills:** Event Management, Problem-Solving, Leadership, Time Management, Presentation, Team Work
- **Technologies & Tools:** Git, Bash, Postman API, Linux, Rail, Docker, Matlab

Work Experience

iCreate Club

August 2025 to Present

Web Development Team (Core Member)

- Serving as a core member of the Web Development Team in the iCreate Club at VIT Bhopal, contributing to innovative projects and events.
- Collaborated effectively in a team environment to design and develop a live leaderboard for the Funfinity 2.0 event, enhancing real-time user engagement.
- Applied skills in web development technologies to create dynamic, user-friendly solutions for club initiatives.
- Actively participated in planning and executing technical aspects of club events, ensuring seamless functionality and user experience.
- Strengthened teamwork and communication skills through close coordination with club members to meet project deadlines and objectives.

GSSOC

July 2025 to Present

Contributor

- Actively participating as a contributor in the GSSOC '25 program, a 3-month open-source initiative aimed at fostering skills in collaborative software development.
- Engaged with diverse projects, implementing features, fixing bugs, and enhancing documentation under the guidance of experienced mentors.
- Collaborated with a global community, leveraging Git and GitHub to submit pull requests and contribute to real-world open-source projects, gaining hands-on experience in modern development workflows.
- Demonstrated eagerness to learn by tackling beginner-friendly issues and adapting to feedback, contributing to personal growth and project improvement.

Projects

AI Based Web Vulnerability Scanner

2025 - Present

We are working on a smart tool that uses AI to find and understand common website weakness more accurately. By combining automation and machine learning, we want to make detection quicker and cut down on false alarms.

Education

B.Tech (CSE with Cybersecurity and Digital Forensics) - 8.67/10 September 2024 to Present VIT Bhopal

Relevant Coursework: Principles of Digital Forensics, Ethical Hacking, Data Structures and Algorithms, Software Vulnerability Testing, Object-Oriented Programming with C++, Database Management Systems, Operating Systems, Computer Networks, and Internet and Web Programming,

Language

English

Hindi