RIYA PATEL

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Summary

Cyber Security and Software Engineering student skilled in Python, C++, Java, and SQL, with proficiency in security tools such as Nmap, Wireshark, and Metasploit. Experienced in developing innovative projects and passionate about ethical hacking and digital forensics.

Skills Summary

- **Programming Languages:** Python, HTML, CSS, JavaScript, C, SQL, C++, Java

- **Tools and Technologies:** MySQL, Nmap, Wireshark, Metasploit, FTK Imager

- **Soft Skills:** Leadership, Team Collaboration, Time Management

Education

Lovely Professional University   *August 2022 – July 2026 (Expected)*
B.Tech in Computer Science and Engineering (Cyber Security Minor)
- CGPA: 5.03
- Relevant Courses: OOPS, DSA, Computer Networks, Ethical Hacking, Cyber Security Fundamentals

Trident Public School   *May 2019 – March 2021*
Senior Secondary (67.4%)
- Courses: Mathematics, Chemistry, Physics, Fine Arts

DAV Public School   *April 2015 – March 2019*
Secondary (62.5%)
- Courses: Mathematics, Science, English, Social Science

Projects

Cake Cutting Problem   *Python*
Developed a solution to the cake cutting problem, focusing on dividing resources fairly among participants using optimal algorithms.

Event Management System (Non-Responsive Website)   *HTML, CSS, JavaScript*
Designed an event management website for creating and managing events, registering participants, and tracking schedules.

Sudoku Visualizer   *HTML, CSS, JavaScript, DSA*
Built an interactive Sudoku puzzle solver and visualizer using algorithms to display the puzzle-solving process step-by-step.

Experience

Community Development Project   *2024*
- Taught underprivileged children Mathematics and Science as part of the Free Education initiative.
- Organized workshops to promote basic literacy and empower the community.

Summer Training - Data Structures and Algorithms (GeeksforGeeks)   *2024*
- Completed a self-paced course covering arrays, linked lists, stacks, queues, and recursion.
- Practiced solving algorithmic problems and learned efficient problem-solving techniques.

Certifications

- Ethical Hacking Essentials (EHE) – EC-Council — *October 2024*

- Digital Forensics Essentials (DFE) – EC-Council — *November 2024*

- CompTIA Linux+ XKO-005 – Cybrary — *April 2024*

- Mastering Data Structures and Algorithms using C and C++ – Udemy — *July 2023*

- Data Structures and Algorithms (Self-Paced) – GeeksforGeeks — *July 2024*

- Explore a Career in Front-End Web Development – LinkedIn — *February 2023*