SHREYA SARAF

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EDUCATION

Baderia Global Institute of Engineering **Jabalpur, Madhya Pradesh**

And Management

B.Tech in Computer Science *Expected Graduation, May 2026*

CGPA: 7.6

PROFILE SUMMARY

Targeting Cybersecurity roles with a reputed organization, aiming to enhance knowledge and contribute to organizational security.

• Solid foundation in **C++** and **Python** programming, along with proficiency in **HTML** and **CSS** for web development.

• Skilled in **Data Structures and Algorithms**, enabling efficient problem-solving and optimization.

• Experienced with **Version Control Systems** like Git and GitHub, ensuring effective collaboration and project management.

• Strong understanding of **Operation and Information Security**, **Risk Management**, and **Network Protocols**.

• Hands-on experience in **Vulnerability Assessment**, focusing on identifying and mitigating security risks.

• Dedicated to leveraging skills to enhance security measures, optimize system performance, and safeguard organizational assets.

PROJECTS

Steganography Tool **Oct 2024**

GitHub: https://github.com/Shreyasaraf01/Bank-Record-Storage-System

A Python-based steganography tool that allows users to hide messages within image files using the Least Significant Bit (LSB) method. This tool is designed for educational purposes and demonstrates the basic principles of steganography

Responsibilities:

- Hide messages in PNG images.
- Retrieve hidden messages from encoded images.
- User-friendly command-line interface

Bank Record Storage System Using Blockchain **Oct 2024**

GitHub: https://github.com/Shreyasaraf01/Bank-Record-Storage-System

The Bank Record Storage System Using Blockchain is a web application that utilizes blockchain technology to securely store and manage bank transaction records. This system allows users to add new records of transactions and view the complete ledger of transactions, ensuring transparency and security.

Responsibilities:

- Add transaction records (sender, receiver, amount)
- View the complete blockchain ledger
- Validate the integrity of the blockchain

Technologies Used:

- Streamlit for the web application interface
- Python for backend logic
- Blockchain concepts for secure data management

ACADEMIC ACHEIVEMENTS

- **Branch Topper in 2nd Year of B.TECH**
  Recognized as the top performer in the Computer Science and Engineering branch during the second year of B.TECH studies.
- **Awarded Google Cloud Cap for Active Participation in Google Cloud Arcade Initiative**
  Earned recognition and a Google Cloud cap for successfully participating in cloud technology challenges, showcasing proficiency in Google Cloud services.

SKILLS

Programming: Python, HTML/CSS, SQL, C++, Data Structures and Algorithms

Tools and Technologies: VS Code, Git, GitHub, Bootstrap

Cybersecurity: Operation and Information Security, Risk Management, Vulnerability Assessment, Network Protocols