Ayush Kumar Mishra

Linkedin: linkedin.com/in/ayush-mishra
Github: github.com/ayushsjs/
Email: mishraayush1430@gmail.com
Mobile: +917524940021

SKILLS

Languages: C++, Python, Java

Tools/Platforms: Kali Linux, Ubuntu, John the Ripper, Wireshark, Nmap, Burp Suit, Autopsy

Soft Skills: Problem-Solving, Teamwork, Time management, Adaptability

PROJECTS

Stegnography| *Python, Least-Significant-bit-count*   *Jun 2024-Jul 2024*
- Developed a steganographic system that embeds secret information within digital images using the Least Significant Bit (LSB) technique
- Implemented encoding and decoding algorithms to ensure secure and imperceptible data hiding.
- Designed an intuitive user interface for seamless encryption and decryption. Enhanced data security while maintaining image quality.

Rock-Paper-Scissor | *Python*   *Nov 2023-Jan 2024*
- Developed an interactive Rock Paper Scissors game using Python, implementing both single-player (against AI) and multiplayer modes.
- Integrated a randomized AI opponent using the random module for fair gameplay.
- Designed a **menu-driven interface** for seamless user interaction. Implemented game logic, winner determination, and score tracking to enhance user engagement.

Online Voting System | *C*   *Sep 2022-Nov 2022*
- Developed a secure and user-friendly **online voting system** to facilitate remote and efficient elections.
- Implemented secure authentication, encryption techniques, and real-time vote tallying to ensure integrity and transparency.
- Designed an **intuitive user interface** for seamless voter interaction and incorporated **role-based access control** for administrators and voters.

TRAINING

IBM   Jun 2024– Jul 2024

Cyber security Fundamentals
- Gained knowledge of firewalls, Intrusion Detection Systems (IDS), and Intrusion Prevention Systems (IPS) to protect networks from cyber threats.
- Studied encryption algorithms, hashing techniques, and their applications in securing data.
- Learned about penetration testing methodologies, vulnerability assessment, and common attack vectors.
- Worked with tools like Wireshark, Nmap, Metasploit, and Burp Suite for security testing and analysis.

CERTIFICATES

Stegnography Tool |IBM	Jun 2024
Cloud Computing| NPTEL	Oct 2024
Introduction to Generative AI|GOOGLE	Jan 2023

EDUCATION

Lovely Professional University   Phagwara, Punjab
Bachelor of Technology   Since Aug 2024
Computer Science and Engineering; CGPA: 6.19

ST. Joseph's School   Barhalganj, Gorakhpur
Intermediate   Mar 2020– May 2022
PCM; Percentage: 66%

LPM Public School   Gola-Bazar, Gorakhpur
Matriculation   Mar 2018- Apr2020
Percentage: 71%