

Anish Kumar

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Skills

Language: C, C++, Python, java, HTML, CSS
Cyber Security Tools: Wireshark, Burp Suite, Nmap, Shodan, Metasploit, Aircrack-ng, FlareVM
Databases: MySQL, Oracle Database
Operating Systems: Kali Linux, Ubuntu, Windows Server
Soft Skills: Punctual, Problem-Solving, Adaptability, Critical Thinking

Projects

Network Packet Sniffer | [GitHub](#)

Aug 2025 – Sep 2025

- Developed a packet sniffer in C++ using Npcap to capture real-time network packets.
- Logged IP addresses, ports, protocols, and packet sizes for detailed traffic analysis.
- Monitored network activity to identify unusual or suspicious patterns.
- Created simple reports to summarize the activity and highlight odd behavior.

Tech: Kali Linux, Nmap, Wireshark, Python

Packet Sniffer & Analyzer | [GitHub](#)

March 2025 – May 2025

- Built an isolated malware-analysis setup using FlareVM.
- Analyzed suspicious samples with Strings, HxD, and sandbox tools.
- Found indicators like hard-coded URLs, unusual API calls, and possible persistence.
- Documented the behavior and threat level in a structured report.

Tech: C++, Npcap, TCP/IP, Wireshark, FlareVM

Steganography Tool | [GitHub](#)

Oct 2024 – Jan 2025

- Built a C++ tool that hides and extracts secret messages in images using the Least Significant Bit (LSB) technique.
- Used stb_image and stb_image_write libraries to efficiently load, process, and save images.
- Implemented bitwise operations to encode and decode hidden messages
- Tested with multiple image formats to ensure minimal quality loss.

Tech: C++, stb_image.h / stb_image_write.h, Bitwise Operations, Image processing.

Training

Certified Training in C Programming – CSE Pathshala

Jun 2025 - Jul 2025

- Completed 35+ hours of C Programming training covering core concepts (loops, functions, pointers, arrays)
- Built multiple programs with hands-on practice in debugging, logic building, and code optimization.

Certificates

- | | |
|---|----------|
| • Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate | Nov 2025 |
| • Packet Switching Networks and Algorithms (University of Colorado) | Nov 2024 |
| • The Bits and Bytes of Computer Networking (Google) | Sep 2024 |

Achievements

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|---|-----------|
| • C Programming Summer Training (35+ Hours) | July 2025 |
| • Achieved 5 th rank out of 800 participants | Jun 2024 |

Education

Lovely Professional University

Bachelor of Technology - Computer Science and Engineering; **CGPA: 5.83**

Punjab, India

Sep 2023-Present

M.H.K. College

Intermediate, **Percentage: 61%**

Motihari, Bihar

April 2021-March 2023

Arya Vidyapith

High School, **Percentage: 71%**

Motihari, Bihar

April 2016-March 2021