

Aayush Kumar

Linkedin: <https://www.linkedin.com/in/aayush369/>
GitHub: <https://github.com/aayushkumar0912>

Email:ayushkumar53345@gmail.com
Mobile: +91-7634915235

SKILLS

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- **Languages:** Java, C++, C, Python, Html , CSS
 - **Frameworks & Libraries:** NumPy, Pandas, Nmap python
 - **Web Technologies:** HTML, CSS, JavaScript
 - **Databases:** MySQL
 - **Core Concepts:** Data Structures and Algorithms, Packet Analysis, Operating Systems
 - **Tools:** Nmap, Wireshark, kali Linux, Git, GitHub
 - **Soft Skills:** Problem-solving, Team Player, Time Management, Communication, Adaptability

PROJECTS

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- Smart internship Tracker: [Link](#)** June 2025 - July 2025
- Developed a Smart Internship Tracker web application to organize and manage internship
 - Implemented features to add, update, and track application status in real time.
 - Designed a dashboard to display total applications, interviews, offers, and rejections.
 - Enabled categorization of applications into different stages like Applied, Interview, Offer,reject.
 - Built a user-friendly interface for quick data entry and instant progress tracking.
 - Tech: HTML, CSS, JavaScript, React, Tailwind CSS.

- AI-Based Phishing URL Detection System:** Jan 2025 - Feb 2025
- Designed and developed an intelligent phishing URL detection system using Python, Machine Learning, and Flask to classify suspicious links in real time.
 - Implemented advanced feature extraction techniques (lexical, domain-based, and HTTPS indicators) to accurately analyze URL behavior and identify phishing patterns.
 - Built and optimized a URL analysis pipeline by extracting key features such as URL length, domain patterns, redirection behavior, and special character usage to improve detection accuracy and reduce false positives
 - Improved system reliability by creating a real-time prediction API that ensures fast classification and supports future integration with browsers or security tools.

Tech: Python, Flask, Pandas, NumPy, URL Analysis

CERTIFICATES

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- Master Generative AI & Generative AI tools (ChatGPT & more) by Infosys Springboard. [Link](#) Sept 2025
 - Computational Theory Language Principle & Finite Automata Theory by Infosys Springboard Aug 2025
 - Basics of DSA using C++ by Centre for Professional Enhancement Aug 2025
 - Chatgpt-4 prompt Engineering (Infosys) 2025
 - Built-in generative AI (Udemy) 5 AU G

ACHIEVEMENTS

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- **Competitive Programming:** Nov 2025

- **Teamwork & Collaboration:** Sept 2024

Participated in a 24-hour hackathon which is organized by CODEHUNT and we group of four members secured a 2nd Position in the hackathon.

EDUCATION

Lovely Professional University

Phagwara, Punjab

August 2023 - Present

- Bachelor of Technology - Computer Science and Engineering; **CGPA: 6.52**

Brilliant Public school

Jehanabad , Bihar

April 2020 - March 2022

- Intermediate - MPC; **Percentage:**

78%

D.A.V Public School

Jehanabad, Bihar

April 2019 - March 2020

- Matriculation; **Percentage: 88%**