

# Aayush Kumar

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

Email: [ayushkumar53345@gmail.com](mailto:ayushkumar53345@gmail.com)  
Mobile: +91-7634915235

## SKILLS

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

## PROJECTS

**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

• Master Generative AI & Generative AI tools (ChatGPT & more) by Infosys Springboard. <a href="#">Link</a>	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)	Aug 2025
• Built-in generative AI (Udemy)	Aug 2025

## ACHIEVEMENTS

• <b>Competitive Programming:</b>	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 2<sup>nd</sup> Position in the hackathon.

## EDUCATION

---

### Lovely Professional University

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

Phagwara, Punjab  
*August 2023 - Present*

### Brillant Public school

- *Intermediate - MPC; **Percentage: 78%***

Jehanabad , Bihar  
*April 2020 - March 2022*

### D.A.V Public School

- *Matriculation; **Percentage: 88%***

Jehanabad, Bihar  
*April 2019 - March 2020*