

# Priyesh Kumar Choudhary

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## SKILLS

- **Languages:** C++, Java, Python, Kotlin, JavaScript
- **Frameworks:** HTML, CSS, Bootstrap, ReactJs, NodeJs, NextJs, Tailwind CSS, Jetpack Compose
- **Tools/Platforms:** MySQL, MongoDB, Android Studio, NMap, Wireshark, Maltego, BurpSuite, Leetcode, Kali Linux
- **Soft Skills:** Problem-Solving, Team Player, Project Management, Adaptability, Communication Skill

## PROJECTS

- **Disk-Scheduling Simulator**  Apr – May 2025
  - Implemented core disk scheduling algorithms (FCFS, SSTF, SCAN, C-SCAN, LOOK) in Python to simulate how operating systems optimize head movement and reduce seek time.
  - Built a modular, easy-to-extend system with clear visualization of head movement and total seek time, allowing quick comparison of each algorithm's efficiency.
  - Tech: Python, Matplotlib, NumPy
- **AI-Chatbot for Parenting & Child Wellness**  Feb – Mar 2025
  - Built an AI-driven conversational system that helps parents with guidance on child wellness, daily habits, emotional support, and basic parenting queries.
  - Designed the chatbot to give clear, structured responses focused on child health, behaviour, and routine management, improving accessibility to reliable information.
  - Tech: HTML, CSS, Tailwind CSS, Bootstrap, React Js, AI API.

## TRAINING

- **C++ Programming: OOPs and DSA – CSE Pathshala**  Jun – Jul 2025
  - Completed 35+ hours of live summer training focused on advanced C++ programming, covering Object-Oriented Programming (OOP) concepts, Data Structures, and core problem-solving methodologies.
  - Practiced hands-on implementation of key data structures (arrays, stacks, queues, linked lists, trees, graphs) and optimized algorithms to strengthen logical thinking and performance-oriented coding.
  - Performed consistently across all tasks and assessments, demonstrating strong grasp of C++ fundamentals, debugging skills, and clean code writing aligned with industry standards.

## CERTIFICATES

- Jr Penetration Tester – TryHackMe  Oct – Nov 2025
- The Bits and Bytes of Computer Network - Google  Nov – Dec 2024
- Ethical Hacking – Code Sprint  Apr – May 2024

## ACHIEVEMENTS

- **Secured Top 10% Global Rank on the TryHackMe** Nov 2025
  - Among 200,000+ global cybersecurity learners on the platform
- **Secured 13<sup>th</sup> Rank in University Level Code-A-Thon** Sep 2023
  - Among 300+ participants in coding competition

## EDUCATION

- **Lovely Professional University** Punjab, India  
*Bachelor of Technology - Computer Science and Engineering*  
Since August 2023
- **KM College** Asarganj, Bihar  
*Intermediate; Percentage: 83%*  
June 2020 - June 2022
- **Paramount Academy** Tarapur, Bihar  
*Matriculation; Percentage: 86%*  
January 2019 - May 2020