

# Priyesh Kumar Choudhary

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## SKILLS

- **Languages:** C++, Java, JavaScript, Python
- **Frameworks:** HTML, CSS, Bootstrap, ReactJs, NodeJs, NextJs, Tailwind CSS, Jetpack Compose
- **Tools/Platforms:** MySQL, MongoDB, Postman, Docker, NMap, WireShark, Maltego, BurpSuite, Kali Linux
- **Soft Skills:** Problem-Solving, Team Player, Leadership, Adaptability

## PROJECTS

### Disk-Scheduling Simulator | [Link](#)

Apr – May' 25

- 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.
- Evaluated algorithm performance using average seek time metrics and comparative efficiency analysis.

Tech: Python, Matplotlib, NumPy

### AI-Chatbot for Parenting & Child Wellness | [Link](#)

Feb – Mar' 25

- 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.
- Implemented real-time AI responses with user-friendly UI for improved parent engagement and interaction.

Tech: HTML, CSS, Tailwind CSS, Bootstrap, React Js, AI API.

## TRAINING

### C++ Programming: OOPs and DSA – CSE Pathshala | [Certificate](#)

Jun – Jul' 25

- 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

- Cyber Security 101 - TryHackMe | [Certificate](#)
- Pre Security - TryHackMe | [Certificate](#)
- Practical Security Fundamentals – TCM Security | [Certificate](#)
- The Bits and Bytes of Computer Network - Coursera | [Certificate](#)
- Ethical Hacking – Code Sprint | [Certificate](#)

Dec' 25

Nov' 25

Nov' 25

Dec' 24

May' 24

## ACHIEVEMENTS

### Secured Top 3% Global Rank on TryHackMe

Jan' 25

Among 2,00,000+ global cybersecurity learners on the platform

### Secured 13<sup>th</sup> Rank in University Level Code-A-Thon | Lovely Professional University

Sep' 24

Among 200+ participants in coding competition

### Secured 9<sup>th</sup> Rank in University Level Code-A-Thon | Lovely Professional University

Sep' 23

Among 300+ participants in coding competition

## EDUCATION

### Lovely Professional University

Punjab, India

Since August' 23

Bachelor of Technology - Computer Science and Engineering; CGPA: 7.1

### KM College

Asanganj, Bihar

Intermediate; Percentage: 83%

June' 20 – June' 22

### Paramount Academy

Tarapur, Bihar

Matriculation; Percentage: 86%

January' 18 – May' 20