

# Aaditya

Chandigarh, India

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## Profile

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Adaptable Computer Science Engineering student specializing in Cybersecurity, driven to create meaningful impact through innovative and practical tech solutions. Passionate about tackling real-world security challenges and continuously expanding my skills in a fast-evolving landscape.

## Education

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### Chitkara University

2023–2027

Bachelor of Engineering in Computer Science

*Relevant Coursework: Data Structures & Algorithms, Network Security, Cryptography, Operating Systems, OOP*

## Projects

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### Network Traffic Analyser

Sep 2025 – Oct 2025

- Developed a real-time network traffic analysis tool using **Python, Scapy, and Wireshark APIs** to detect suspicious activity and anomalies.
- Implemented **packet sniffing, protocol classification, and intrusion detection** techniques to identify potential threats.
- Integrated **data visualization dashboards** with **Streamlit** for monitoring network patterns and attack trends.
- Achieved a **30% improvement in detection accuracy** by applying **machine learning-based traffic classification** models.

## Skills

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- Programming Languages:** Java, Python, C++, HTML, CSS, JS.
- Web Development:** Node.js
- Soft Skills:** Leadership Skills, Team Management, Data-driven strategic planning, Report Writing Skills, Communication Skills, and Critical Thinking.

## Certifications

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- Identity Security Leader – SailPoint**

*SailPoint Technologies - Completed: Nov 2025*

- Introduction to Cybersecurity**

*CISCO Networking Academy - Completed: Oct 2024*

## Achievements

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- EY–DSCI National Hackathon 2025 — Top 40 out of 150+ teams

## Extracurriculars & Leadership

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- Co-founder, Homebooth:** Leading product vision and development for a startup focused on smart lodging solutions.
- IEEE Student Branch, Secretary:** Coordinated technical and professional activities, fostering collaboration among students and faculty.