

Aaditya

Himachal Pradesh, India

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Profile

I am a motivated and adaptable Computer Science Engineering student specializing in Cybersecurity, driven to make a meaningful impact through technology and innovation. I thrive on challenges and believe in using creative solutions to solve real-world problems.

Education

Chitkara University

2023–2027

Bachelor of Engineering in Computer Science

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

Experience

Kalvium

Sep 2025 – Jan 2024

- Gained hands-on experience in full-stack development and problem-solving through Kalvium's industry-aligned curriculum.
- Collaborated on real-world software projects, strengthening skills in Python, web development, and software engineering principles.

Projects

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

Programming Languages: Java, 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.

Extracurriculars & Leadership

- 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.