

# NAMAN MANCHANDA

🌐 [Portfolio](#) ☎️ [+91 9896258802](#) ✉️ [2728naman@gmail.com](mailto:2728naman@gmail.com)  
in [Naman Manchanda](#) 🔄 [Naman278](#) </> [Leetcode](#)

## EDUCATION

Vellore Institute of Technology, Chennai, India

2021 - present

*Bachelor of Technology: Computer Science and Engineering*

CGPA - 8.88

## EXPERIENCE

Spring Time Softwares

February 2024 - June 2024

*Software Development Freelance*

- Developed a responsive Flutter shopping app, focusing on intuitive UI/UX design and user experience.
- Integrated REST APIs for seamless mobile-website sync, ensuring data consistency and optimizing performance.

RS IT Hub

August 2023 - October 2023

*Software Development Intern*

- Key contributor to a collaborative Flutter frontend project, involved throughout the development lifecycle.
- Applied strong problem-solving skills to enhance frontend features within a dynamic team environment.

## PROJECTS

**PRIDA-NET: Satellite Image Dehazing** | *Deep Learning, PyTorch, Computer Vision*

- Developed PRIDA-NET, a novel deep learning model for satellite image dehazing using Attention & ASPP.
- Advanced the state-of-the-art in satellite image dehazing, achieving significant clarity improvements on the Haze1K dataset.

**Smart Web Crawler and Content Summarizer Extension** | *Python*

[Link To Demo](#)

- Built a Python Chrome extension to summarize articles and find related links via a concurrent web crawler.
- Applied Natural Language Processing (NLP) techniques for content analysis and relevance matching.

**AkoiMart - A Freelance Project** | *Flutter*

[Link To Demo](#)

- Developed and published a responsive Flutter goods-selling app achieving 1k+ downloads on Google Play Store.
- Integrated REST APIs for data synchronization and managed the Google Developer account for deployment.

## SKILLS

Language	C, C++, Java, Python, Dart
Core CS	Data Structures and Algorithms, OOPs, DBMS, Operating System, Computer Networks
ML/AI	Deep Learning, Computer Vision, Image Processing, PyTorch, NumPy, OpenCV, CNNs, NLP
Technologies	Flutter, Git, Github, Cisco Packet Tracer, Google Play Console, Linux, Firebase
Soft Skills	Verbal and Written Communication, Leadership, Teamwork, Public Speaking.

## ACHIEVEMENTS

- Secured **1st Rank** in Hackers Horizon (CTF) sponsored by Cyberpeace Foundation.
- Secured **3rd Rank** in Cyber-o-day (a 24-hr tech marathon)
- Secured **2nd Rank** in How Hackers really Hack 2.0 (CTF) organised by Microsoft Innovations Club of VIT Chennai.

## POSITIONS OF RESPONSIBILITY

- **Technical Lead at CYSCOM (Jan 2024 - Nov 2024):** Managed community activities, events, and CTF challenges. Oversaw planning, execution, team collaboration, and facilitated learning for members.
- **Cisco Campus Ambassador (2023 - 2024):** Organized events and discussions on tech trends, strengthening university-Cisco connections. Enhanced leadership and communication skills in IT.