

# HIMANSHI SHARMA

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Bengaluru, India



## Education

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**Nagarjuna College of Engineering and Technology**, Bengaluru, India

*Bachelor of Engineering in Computer Science*

CGPA: 8.1 (as of 5th Semester) | Expected Graduation: May 2026

**Leaders' Pre-University College**, Gauribidanur, India

*PCMC – Physics, Chemistry, Mathematics, Computer Science*

Overall Percentage: 89.1% | Aug 2020 – May 2022

**Sherwood School**, Gwalior, India

*High School (Class X)*

Percentage: 78.2% | Jun 2015 – Mar 2020

## Projects

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**Student Grievances Cell** | May 2023

*Python, HTML, CSS*

- Built a web-based grievance redressal platform to allow students to confidentially submit academic and non-academic complaints.
- Developed backend logic in Python to handle form submissions, admin routing, and status tracking.
- Designed a clean, responsive HTML interface for students to raise grievances with ease.

**Image Generation Using GAN** | Jan 2024

*Python, TensorFlow, NumPy, Matplotlib*

- Developed a Generative Adversarial Network (GAN) to generate synthetic images resembling real dataset samples.
- Trained the model using a dataset of images (MNIST) to improve generator quality over multiple epochs.
- Visualized training progress using loss graphs and side-by-side real vs. generated image comparisons.

**Flamingooooo – Educational Resource Platform** | May 2024

*HTML, CSS, JavaScript*

- Designed and developed a responsive website to host and organize study materials for competitive exams such as JEE, NEET, CLAT, GATE, and more.
- Included categorized access to previous year question papers, curated video lectures, and exam-specific notes
- Ensured mobile compatibility and fast loading for a smooth user experience.

## Technical Skills

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**Programming Languages:** Java, Python, C, JavaScript

**Web Technologies:** HTML, CSS, ReactJS, NextJS, Node.js

**Databases:** MongoDB, MySQL

**Tools & Platforms:** Git, GitHub, VS Code

**Libraries/Frameworks:** TensorFlow, NumPy, Matplotlib

## Achievements and Certifications

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### Certifications

- **Cyber Security & Ethical Hacking** – Coincent
  - Gained hands-on experience in ethical hacking, vulnerability scanning, and basic network defense tools.
- **Java Programming** – Great Learning
  - Practiced OOPs, collections, file I/O, and exception handling through mini-projects.
- **Data Structures in C** – Great Learning
  - Implemented stacks, queues, trees, and linked lists with time complexity analysis.
- **CSS for Beginners** – Udemy
  - Built responsive layouts using Flexbox and Grid; styled components for real-world UIs.
- **Computer Organization & Architecture** – Mind Luster
  - Explored instruction cycles, memory architecture, CPU design, and I/O systems.

### Hackathons & Technical Events

- **amBITion'24 Hackathon** – Team project under Open Innovation domain
  - Built a stock market prediction system with an accuracy of 87%. (24-hour event).
- **PRAKALP'25 Science Expo** – Amrita Vishwa Vidyapeetham
  - Showcased an IoT-based women safety monitoring system; collaborated in a team of 4.
- **Hackathon Volunteer** – NCET 2025
  - Coordinated logistics, registration, and event flow; supported 50+ participants.

### Other Achievements

- **1st Prize** – Ramp Walk (Ethnic Day, Inter-departmental Event)
  - Won first place showcasing cultural representation and creativity.