

# Harshit Jain

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## EDUCATION

- Graphic Era (Deemed to be University)** Dehradun, India  
*Bachelor of Technology - Computer Science and Engineering; GPA: 8.77* July 2021 - June 2025

## SKILLS SUMMARY

- Languages:** Python, C++, JavaScript, SQL, JAVA, MERN
- Frameworks:** Scikit, NLTK, SpaCy, TensorFlow, Keras, Django, Flask, NodeJS
- Tools:** Kubernetes, GIT, PostgreSQL, MySQL, VS Code
- Platforms:** Linux, Web, Windows, GCP, Command Line Interpreter
- Soft Skills:** Coding, Leadership, Event Management, Time Management

## EXPERIENCE

- Defence Research Development Organisation** Delhi, India  
*Software Developer (Internship)* July 2024 - Sept 2024
  - Real-time Metal Detection::** Built a core Java app using Terahertz Analysis with 90% accuracy.
  - Data Visualization::** Plotted reflection data and logged object coordinates for future use.
  - Optimization::** Improved algorithms, boosting image clarity by 35%.
  - Security:** Ensured safe handling of sensitive data for secure applications.
- RateGain Travel Technologies Limited** Noida, India  
*Software Developer (Internship)* April 2024 - July 2024
  - Task Management System::** Developed a system for 750+ users using C#, ASP.NET, and Angular.
  - Real-time Dashboards::** Designed dashboards with live updates, reducing overdue tasks by 20%.
  - Optimized APIs::** Built efficient CRUD APIs, improving data retrieval speed by 30%.
  - Fast Search Tool::** Enabled instant employee lookup, cutting query time by 40+ seconds.

## PROJECTS

- StoryDev - AI-based Story Generation (LLM, Face-Swapping, Custom Narration):** Developed an AI-powered customizable bedtime story app using LLMs, integrating face sweep through the LICA API and custom voice narration. Enhanced user engagement with animated video generation. Tech: React, Node.js, Python, OpenAI API (January '24)
- StockGrow - Stock Market Predictor (Deep Learning, Real-time Data):** Built an LSTM-based stock price predictor with Yahoo Finance data in real-time, achieving a consistency rate 78% in the forecasts. Integrated Flask and Streamlit for visualization. Tech: TensorFlow, Pandas, NumPy, Flask (July '23)
- 8085 Microprocessor Emulator (C++, Assembly, Computer Architecture):** Developed a software-based emulator for the 8085 microprocessor, allowing execution of assembly instructions. Simulated registers, memory, and instruction cycles for educational use. Tech: C++, Assembly (May '23)
- AICTE FAQs Chatbot (NLU, Chatbot Development):** Designed an AI-driven chatbot using Rasa for AICTE queries, achieving 95% precision in query validation. Implemented a responsive HTML interface, increasing engagement by 40%. Tech: Rasa, HTML, CSS, REST API (December '22)

## ACHIEVEMENTS

- Solved 300+ problems on LeetCode.
- Achieved 3\* rating on CodeChef.
- Runner-up at Graph-e-thon (72-hour National Hackathon) among 600+ teams.

## VOLUNTEER EXPERIENCE

- Volunteer - IEEE International Conference (CISCT)** Dehradun, India  
*Organized International Conference, impacting over 200+ Researchers.* Sept 2023
- Member - Google Developer Student Club** Dehradun, India  
*Conducted workshops, organized events.* July 2022 - Present
- Event Organizer - Freshers and Farewell Events** Dehradun, India  
*Planned and executed large-scale university events, ensuring smooth coordination and engagement.* Sept 2022