Kratika Jangid

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EDUCATION

- **Indira Gandhi Delhi Technical University for Women** — Delhi, India
  Bachelor of Technology - Computer Science and Artificial Intelligence; GPA: 8.89 — 2021 - 2025

- **S.D. Adarsh Vidyalaya(CBSE)** — Gurgaon, India
  Senior Secondary-92.4% — 2020

SKILLS SUMMARY

- **Languages**:   JAVA, HTML, SQL, Python, Dart, Javascript
- **Frameworks**:   Pandas, OpenCV, NumPy, Matplotlib, TensorFlow, Keras, Flutter
- **Tools & Platforms**: MySQL, GitHub, Tableau

EXPERIENCE

- **Department of Artificial Intelligence and Data Sciences** — IGDTUW
  Research Intern — *June 2023 - Aug 2023*
  - Research Paper: Evaluated machine learning and deep learning models on Fashion MNIST.
  - Key Result: Highlighted deep learning superiority, especially VGG with a 98.06 F1 score.
  - Impact: Contributed insights for AI model selection, emphasizing complexity importance. Identified future opportunities in model optimization.

- **Centre of Excellence-Artificial Intelligence** — IGDTUW
  Research Intern — *June 2022 - Aug 2022*
  - Contributed to Deep Learning projects, focusing on CNN-based image classification.
  - Collaborated with team members to enhance project outcomes.

PROJECTS

- **Image Classification using CNN (Matplotlib, Torch, torch.nn, joblib)**: Trained(50,000 images) and tested(10,000 images) the very popular dataset CIFAR-10 using CNN, which got 70.62% accuracy. We used ReLU function, different layers like dropout, maxpooling. we trained the data in 4 sets with a batch size of 12500 each.
- **Movie Recommendation System (Pandas, NumPy, sklearn)**: Employed an Unsupervised machine learning model using cosine similarity on movie lens dataset, to make an item-based movie recommending system.

CERTIFICATES AND ACHIEVEMENTS

- **Flipkart Runway'23**: Achieved finalist status in the highly competitive Flipkart Runway competition, showcasing my abilities among 16,990 participating students. Successfully advanced through multiple rounds of screening, with only 178 candidates shortlisted for interviews, ultimately securing a place among the select few who reached the final interview round.
- **Data Structures in JAVA**: Certificate of completion of DSA in JAVA from Coding Ninjas
- **Developing Soft Skills and Personality**: Completed the course from NPTEL and secured gold+elite position

POSITIONS OF RESPONSIBILITY

- **Competitive Programming**
  Circle Manager, GDSC — *August 2023 - Present*
  - Managing a circle of more than 60 students and three mentors.

- **General Secretary**
  IEEE — *June 2023 - Present*
  - Working with a team of 150+ people to plan and execute successful events that will help students develop their skills and network with peers.

- **Data Structures and Algorithm Mentor**
  Mentor, Protege — *March 2023 - Oct 2023*
  - Guided and mentored students in data structures and algorithms, providing support and expertise to help them succeed in their coursework.

- **Media and Marketing Team**
  Head Coordinator, ENACTUS — *Dec 2022 - Sep 2023*
  - Developing and executing marketing strategies to promote the organization and its activities through posts.

- **Desh ke Mentor**
  Mentor — *Jan 2022 - Aug-2022*
  - Mentored 4 girls from a government school, providing guidance to help them excel academically and personally. One of my mentees continues to stay in touch with me and has achieved outstanding results.