# Mridul Mittal

Bachelor of Technology
Artificial Intelligence and Data Science
Guru Gobind Singh Indraprastha University, Delhi
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## EDUCATION

- **Bachelor of Technology in Artificial Intelligence and Machine Learning** *July 2021 - July 2025*
  *UNIVERSITY SCHOOL OF AUTOMATION AND ROBOTICS, Surajmal Vihar, New Delhi* CGPA: 8.493

- **Intermediate** *July 2020 - July 2021*
  *Ramjas School, Pusa Road, Delhi* Percentage: 82

## PERSONAL PROJECTS

- **Automatic Text Summarization and Language Translation**

  *Python, TextRank, Google Translate*
  – Implemented a TextRank-based algorithm using the 'gensim' library, improving keyword extraction efficiency by 40% and reducing content processing time by 20 hours monthly.

- **Pizza Messiness Score Calculator**

  *Python, OpenCV, MediaPipe, CNN, Transfer Learning*
  – Developed an innovative 'Pizza Messiness Score Calculator' using OpenCV and MediaPipe.
  – Deployed a CNN model, achieving 95% accuracy in pizza classification and reducing manual identification time by 70%.

- **Machine Translation using Seq2Seq Model**

  *NLP, Deep Learning, RNN, LSTM, TensorFlow*
  – Built a Seq2Seq model for machine translation of resumes between languages, improving accessibility for global job markets.

## EXPERIENCE

- **Corazor Technology Private Limited** *March 2024 - Present*

  *AI Intern* Remote
  – Gained expertise in Azure ML Studio, data storage, and related tools.
  – Engineered an AI-driven recommendation system leveraging NLP algorithms and Microsoft Azure, leading to a notable 40 percent reduction in customer churn through tailored product suggestions based on previous purchasing behavior.
  – Developed AI algorithms for a truck tracking system using Python and Google Maps API.
  – Created Flask API for findid Nearby Workers and Navigating Workers.
  – Working on Automated Lead Generations using Selenium.

- **The Moronss** *June 2024 - September 2024*

  *ML and AI Intern* Hybrid
  – Developing AI/ML solutions for an Applicant Tracking System (ATS).
  – Created an automated question generation system for personalized test preparation.
  – Collaborating on projects to enhance student employability.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C/C++, Python, Javascript, HTML+CSS
**Libraries:** TensorFlow, Scikit-learn, OpenCV, Keras, pandas, numpy, matplotlib, MediaPipe
**Web Dev Tools:** VScode, Git, GitHub
**Frameworks:** Flask, Django
**Cloud/Databases:** MongoDB, Microsoft Azure, MySQL
**Relevant Coursework:** Data Structures, Algorithms, Operating Systems, OOP, DBMS, Software Engineering, Machine Learning, Deep Learning, Neural Networks, NLP, Computer Vision, Agile Testing
**Additional Skills:** Large Language Models (LLM), Retrieval-Augmented Generation (RAG), Hyperparameter Tuning, JIRA, Manual Testing, Automated Testing
**Areas of Interest:** Web Development, Artificial Intelligence, Generative AI

## POSITIONS OF RESPONSIBILITY

- **Open Source Coordinator** Google Developer Students Club USAR *August 2023 - September 2024*
  – Contributed to open-source projects within the Google Developer Students Club.