

MRIDUL MITTAL

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EDUCATION

University School of Automation and Robotics

B.Tech | Artificial Intelligence and Machine Learning

New Delhi,

GPA: 8.249

July 2021 - July 2025

Ramjas School

Intermediate

Delhi,

GPA: 82%

July 2020 - July 2021

WORK EXPERIENCE

Corazor Technology Private Limited

AI/ML Developer

Remote

March 2024 - Present

- Developed and deployed machine learning models for critical predictions and decisions.
- Utilized Azure AI Services and storage services.
- Enhanced generative AI skills by building RAG-based chatbots using Langchain and knowledge graphs.

The Moronss

ML and AI Intern

Hybrid

June 2024 - September 2024

- Developed AI/ML solutions for an Applicant Tracking System (ATS).
- Created an automated question generation system for personalized test preparation.

TensorGo

Computer Vision Intern

Office

October 2024 - November 2024

- Contributed to movie dubbing projects.
- Researched Indian regional language text-to-speech with emotional inflection.

SKILLS

Programming Languages:	Python, JavaScript, HTML, CSS
Web Frameworks:	Flask
Machine Learning Libraries:	TensorFlow, Scikit-learn, OpenCV, Keras, pandas, NumPy, Matplotlib, MediaPipe, Langchain
Cloud Platforms:	Microsoft Azure
Databases:	MongoDB, MySQL
Development Tools:	VS Code, Git, GitHub
AI/ML Techniques:	LLMs, RAG, Hyperparameter Tuning, Computer Vision, NLP, Generative AI, Sentiment Analysis, Time Series Forecasting
LLMs:	Llama 3.2-1b, Distilroberta
Other:	Knowledge Graphs, Applicant Tracking System (ATS)

PROJECTS

PolicyGeneration LLM, Flask, RAG

LLM-powered chatbot using RAG for efficient and accurate information retrieval.

Stock SLM App Python, Flask, HuggingFace, LLM, Distilroberta, Amazon Chronos, Llama 3.2-1b

Stock analysis tool incorporating sentiment analysis (Distilroberta, ~90% accuracy), time series forecasting (Amazon Chronos, ~90% accuracy), and financial analysis (Llama 3.2-1b).