

Harshit Gupta

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Education

Bachelor of Technology, Artificial Intelligence and Data Science. GPA: 9.2/10

Expected Graduation: June 2026

Modern Institute of Technology and Research Center, Alwar (Rajasthan).

Programming Skills: Java, JavaScript, Python, C++, SQL.

Other: Git, ReactJS, HTML, Scikit-learn, VueJS, NodeJS Machine Learning.

Projects

AI Driven Grievance Redressal System – [GitHub](#) | [Website 1](#) | [Website 2](#) May 2025-June 2025

- Led team of 6: organized meetings, delegated tasks, helped teammates debug, etc., leading to a final grade of 100%
- Simplifies the lodging and resolution of public complaints. It employs advanced AI for automatic complaint categorization, sentiment analysis, and prioritization.
- Real-time tracking and offer transparency and trust. The platform bridges the gap between citizens and authorities, fostering efficient communication and prompt redressal of grievances.

API Key Manager – [GitHub](#)

June 2025

- Generate secure API keys for users (via CLI)
- Store keys in MongoDB with expiry & status, Verify and revoke keys
- Rate limit API key usage, Role-based access (admin/user), CLI interface& Email notifications on creation & revocation

Neural Network Based Chatbot – [GitHub](#)

May 2024-June 2024

- Intent classification using a custom trained neural network (Keras).
- Data preprocessing with tokenization, stemming, and bag-of-words model.
- Simple conversational AI trained on a JSON file of intents and responses.
- Deployable as a terminal chatbot or easily extendable into a web app using Flask

Training and Experience

DEEP LEARNING, NLP AND GPT TECHNOLOGIES – **Upflairs Pvt Ltd** March 2025- May 2025

- Completed hands-on training in Deep Learning, working with ANN, CNN, RNN, and NLP concepts to build and evaluate neural networks for real-world tasks.
- Built GenAI applications using LangChain LCEL, with practical understanding of components like data ingestion, transformation, embeddings, vector databases, and OpenAI/ollama integration.
- Developed a basic command-line chat application in Python, gaining confidence in backend logic and module handling.
- Built and tested models using Jupyter notebooks and Python scripts with core libraries