Atharv Kothekar

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EDUCATION

Manipal University Jaipur   **Expected 2025**
Bachelor of Technology (B. Tech) in Computer Science Engineering (Hons.) IoT (GPA – 8.58/10)   *Jaipur, RJ*

New Horizon Scholars School   **2021**
CBSE Grade XII (CGPA – 8.24/10)   *Thane, MH*

Euroschool Thane   **2019**
ICSE Grade X (CGPA – 9.42/10)   *Thane, MH*

SKILLS

- **Programming Languages:** Python, JavaScript, Java, C++, HTML, CSS
- **Database:** SQL, MySQL
- **Tools & Technologies:** Git, GitHub, Jupyter Notebook
- **Libraries and Frameworks:** Keras, Tensorflow, PyTorch, scikit-learn

PROJECTS

- **Migraine Classification using Machine Learning** (Python, Tensorflow)   **Oct-Nov 2023**
  - Dataset from Code Ocean, containing records of users with several pathologies associated with migraines.
  - Data was recorded by trained medical personnel at the Centro Materno Infantil de Soledad.
  - Achieved ~98% accuracy.

- **Sarcasm Detection on Twitter and Reddit Posts using Natural Language Processing**   **Sept-Oct 2023**
  - On the Large Self-Annotated Corpus for Sarcasm dataset.
  - Used GLoVe, an unsupervised learning algorithm for obtaining vector representations of words, and LSTM architecture of Recurrent Neural Networks (RNN).
  - Implemented a pre-existing research paper.

- **End-to-end ML Project on Fuel Efficiency Trends of Vehicles** (Flask, Heroku, Python)   **Aug 2023**
  - Dataset from the UCI repository.
  - EDA and Machine Learning concepts used.
  - Deployed on Heroku using Flask.

- **Image-to-Text Conversion** (Python, Tesseract OCR)   **Mar 2022**
  - Developed a desktop-based application to convert text in images to copy-able text in the terminal.

EXTRACURRICULAR

- Placed 12th amongst 400+ teams in BREACHED 4.0, a CTF event organized by IEEE MUJ
- Completed 4 high-altitude treks in the Himalayas