

# Harshita Singh Raghav

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## EDUCATION

<b>Kamla Nehru Institute of Technology, Sultanpur, Uttar Pradesh</b> <i>Bachelors of Technology in Electronics Engineering</i>	Aug-2022, Present <i>CGPA: 8.48/10.0</i>
<b>New St. Stephen's Public School, Agra, Uttar Pradesh</b> <i>12th-Intermediate Degree(CBSE)</i>	2021 <i>Percentage(%):91.6/100</i>
<b>New St. Stephen's Public School, Agra, Uttar Pradesh</b> <i>10th-High-school Degree(CBSE)</i>	2019 <i>Percentage(%):96.1/100</i>

## EXPERIENCE

<b>Software Development Intern</b> <i>Ineabyte Technologies</i>	May 2024 – July 2024 <i>Remote / Location</i>
<ul style="list-style-type: none"><li>Completed assigned Web Development tasks which included a quiz site, sample music app, and a product landing page.</li><li>Worked on full-stack development tasks including frontend feature implementation and backend integration.</li><li>Collaborated with a cross-functional team to build scalable web solutions using modern frameworks.</li></ul>	

## PROJECTS

<b>WALMART AR TRY-ON SYSTEM</b>   <i>OpenCV, CvZone, CNN, Flask, Encoder-Decoder, Transformers</i>	March 2025
<ul style="list-style-type: none"><li>Built an AR-based virtual try-on platform for clothes, specs, and jewelry in real-time using OpenCV, CvZone, and CNN-based face shape detection for personalized accessory recommendations.</li><li>Integrated an intelligent chatbot with encoder-decoder, attention, and transformers for personalized style suggestions.</li><li>Developed a complete Flask backend with dynamic video streaming, reels integration, and real-time user interaction.</li></ul>	
<b>SOULEPHONIC</b>   <i>Python, Spotify API, RandomForest, Flask, OpenCV</i>	April 2025
<ul style="list-style-type: none"><li>Captures real-time user images using advanced computer vision techniques.</li><li>Detects emotions accurately with a robust Random Forest classifier trained on facial expression data.</li><li>Curates personalized music recommendations aligned with the user's current mood.</li></ul>	
<b>NEWS AGGREGATOR</b>   <i>Web Scraping (BeautifulSoup), SQLite3, Flask, HTML</i>	Jan 2025
<ul style="list-style-type: none"><li>Developed a Python-based web scraper to collect news articles from BBC.</li><li>Used SQLite3 for structured data storage and filtering based on user queries.</li><li>Implemented a Flask-powered search interface for partial title matches.</li><li>Automated daily data fetching scheduled at 10:00 AM.</li></ul>	

## ACHIEVEMENTS

- Semi Finalist at **Flipkart Grid 7.0**.
- Ranked **5<sup>th</sup>** out of 792 in Hackspire Hackathon.
- Ranked **1066<sup>th</sup>** out of 29,757 participants in LeetCode Weekly Contest 459.
- Achieved **LeetCode 1519** and **CodeChef 1444** ratings.
- Solved **400+** LeetCode problems in Data Structures and Algorithms.

## TECHNICAL SKILLS

**Languages:** C++, Python, C, SQL

**Core Programming:** Data Structures & Algorithms, Object-Oriented Programming, Web Scraping (BeautifulSoup, Selenium)

**Machine Learning:** Linear & Logistic Regression, Feature Engineering, Decision Trees, Random Forests, Naive Bayes, KNN, SVM

**Deep Learning:** Neural Networks, CNNs, RNNs, NLP, Encoder-Decoder Models, Attention Mechanisms, Transformers

**Frameworks & Libraries:** PyTorch, TensorFlow, OpenCV

**Tools:** VS Code, Jupyter Notebook, Spyder, Google Colab

**Databases:** MySQL, SQLite