PATEL PRITKUMAR NARESHBHAI

Roll No.:2023UCS0106
BTech
Computer Science Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year of Passing
B.tech (CSE)	Indian Institute of Technology, Jammu	8.63 (Current)	2027
12th Standard	Ascent School of Science	80.46%	2023
10th Standard	Bright Tulips International School	68.83%	2020

PROJECTS

- **Flipkart Grid 6.0** *Oct. 2024*

  Developed an Image-Based Product Information Extraction and Fruit Freshness Prediction System Github
  - **Tools & technologies used**: YOLOv5, EasyOCR, Pyzbar, Groq API, TensorFlow, Keras, OpenCV
  - Built a system to predict fruit freshness using computer vision and deep learning, achieving 89% accuracy.
  - Developed a system to count products and extract information using OCR and used an LLM to refine and structure text from images.

- **Document Identity Aggregator** *Present*

  Creating a system to aggregate and verify CV data using web crawling, OCR, and NLP to detect inconsistencies. Github
  - **Tools & technologies used**: Selenium, Tesseract OCR, NLP, API's, Web Crawling
  - Developing a system to aggregate and cross-verify candidate CV data from multiple online sources to detect inconsistencies and validate authenticity.

- **YouTube to Spotify Playlist Converter** *Feb 2025*

  Developed a webapp to effortlessly transfer playlists between YouTube and Spotify.. Github
  - **Tools & technologies used**: Python, Flask, HTML, CSS, Spotify API, YouTube API
  - Built a web app that converts YouTube playlists to Spotify and vice versa, streamlining music migration across platforms.
  - Implemented API authentication and token management to handle user accounts securely.

KEY COURSES TAKEN

- Data Structures and Algorithms, Computer Architecture, Design and analysis of Algorithms, Principles of Programming Languages, Discrete Mathematics, Linear Algebra, Calculus

TECHNICAL SKILLS

- **Programming:** Python, C/C++
- **Tools & OS:** Git, Jupyter Notebook, Google Colab, Onshape
- **Libraries/Frameworks:** Pandas, Numpy, scikit-learn, Tensorflow, Pytorch, Keras
- **Web Skills:** HTML, CSS, MongoDB, JavaScript, React, SQL, Node.JS, Express.JS
- **Operating Systems:** Windows, Linux

ACHIEVEMENTS

- **Solved 300+ coding problems** on LeetCode and Codeforces. *2025*
- **Awarded "Developer of the Month"** at IIT Jammu. *2024*
- **Won a Silver Medal in NanoNavigator** at IIT Roorkee. *2024*

POSITIONS OF RESPONSIBILITY

- **Core Member of Robotics club** IIT Jammu *Present*
- **Mentor of 10 students in** Coding Club, IIT Jammu *Present*