Gaurav Kumar

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SKILLS

- **Languages**   :   Python, R, C++
- **Frameworks**   :   Apache Hadoop, Spark, Pandas, Requests, BeautifulSoup, Flask, Matplotlib, NumPy,
- **Databases**   :   MySQL, MongoDB
- **Tools**   :   Tableau, Excel
- **Soft Skills**   :   Problem-solving , teamwork, project management, adaptability

PROJECTS

Machine Learning Model for SIH'24 | 2024:   Aug'24 - Sep'24
- Designed and implemented a custom YOLO-based object detection model to accurately scan and classify images into predefined categories.
- Collected, cleaned, and annotated a large image dataset to improve training accuracy and reduce false positives.
- **Tech**: Python, Flask, JavaScript, HTML, CSS

Guessing Game Using Tkinter | 2022:   Oct'22 – Nov'22
- Designed and developed an interactive number guessing game with a graphical user interface using the Tkinter library.
- Packaged the game as a standalone executable for offline play.
- **Tech**: Python, Tkinter

Student Management System | 2020:   Dec'20 –Jan'21
- Built a Python-MySQL app for student record management.
- Added CRUD features with input validation.
- **Tech:** Python, MySQL

Piano Tiles Bot | 2019:   Mar'19 – Apr'19
- Built an automated bot to play Piano Tiles using PyAutoGui.
- Added image recognition with Pillow for tile detection.
- **Tech**: Python, PyAutoGui, Pillow

CERTIFICATES

- Cloud Computing (NPTEL)   Nov'24
- Introduction to Generative AI (Coursera)   Apr'24
- Data Structures and Algorithms (Coursera)   Apr'24
- Excel Skills for Business (Specialization)   Feb'24

ACHIEVEMENTS

- Solved 150+ problems on LeetCode   Jan'24
- Ranked in the Dean's top 10% of students at the university   Feb'24

EDUCATION

Lovely Professional University   Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.4   *Aug'22 - Present*

Kendriya Vidyalaya NSG Manesar   Manesar, Haryana
Intermediate; Percentage: 89%   *Apr'20 - Mar'21*

Kendriya Vidyalaya Kankinara   Kankinara, Kolkata
Matriculation; Percentage: 86.6%   *Apr'18 - Mar'19*