PALAK BANSAL

COMPUTER SCIENCE ENGINEERING STUDENT

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Delhi, India

PROFILE

Highly dedicated and motivated Computer Science Engineering student with a strong academic background. Skilled in problem solving and analytical thinking with a keen interest in software development and web technologies like artificial intelligence and machine learning. Seeking to apply my knowledge and skills in a challenging and dynamic environment.

SKILLS

- Python
- C/C++
- Web Scraping
- Machine Learning
- Deep Learning
- Data Analysis
- Data Structures and Algorithms
- Flask
- HTML
- Leadership
- Team Management

EDUCATION

SECONDARY SCHOOL

Little Flowers Public Senior Secondary School
2021 - 2023
Percentage - **89.6%**

BACHELOR OF TECHNOLOGY

Guru Gobind Singh Indraprastha University
2023 - 2027
GPA - **9.16**

PROJECTS

MEDSCAN

GDSC Hackathon

We developed the user-friendly app "MedScan" to help individuals with disabilities purchase medications online. The app includes features to improve accessibility and streamline the ordering process.

MOVIE RECOMMENDER SYSTEM

The Movie Recommender System project developed a personalized movie recommendation platform by collecting data, preprocessing, feature engineering, selecting models, and deploying. Accurate recommendations were generated through testing and iteration, following API guidelines.

HAPPYMETER

Developed a real-time facial expression recognition model with OpenCV to detect happiness and sadness percentages. The process included collecting and preprocessing facial expression datasets, training a CNN model, and integrating it with OpenCV for video stream processing.

TRAINING

MACHINE LEARNING SPECIALIZATION

COURSERA (DEEP LEARNING.AI)

During this 3-course program, acquired skills in various machine learning techniques including **supervised** (linear regression, logistic regression, neural networks, ensemble methods), **unsupervised** (clustering, anomaly detection), recommender systems (collaborative filtering, content-based), and **deep reinforcement learning** for decision-making tasks.