Roshan Kumar

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Objective

Aspiring Computer Science and Data Analytics student at IIT Patna, eager to apply technical knowledge, problem-solving skills, and analytical abilities to real-world projects. Passionate about Python, Data Science, and Machine Learning.

Education

Indian Institute of Technology (IIT) Patna
B.Sc. in Computer Science and Data Analytics | 2024 - Present

Technical Skills

Programming Languages: Python, JavaScript
Machine Learning & AI: Scikit-Learn, Pandas, NumPy
Web Scraping: Beautiful Soup, Requests
Data Science & Analytics: Matplotlib, Seaborn, Jupyter Notebook
Tools & Platforms: GitHub, VS Code, Jupyter Notebook, API Integration

Coursework

Data Structures & Algorithms
Computer Architecture & Organization
Machine Learning Basics
Deep Learning

Achievements

Consistently ranked among top students in programming assignments

Extracurricular Activities

Active member of coding clubs and hackathons
Enthusiast in learning new technologies and competitive coding

Projects

My-Music-Recommendation-System

Music Recommendation System using ML & Spotify API (Python)

delaney_solubility_with_descriptors

Predict the logS value of molecular formulas (Jupyter Notebook)

Heart-disease

Predicting heart disease (Jupyter Notebook)

Medical-chatbot

AI chatbot for medical-related queries (Python)

virtual_keyboard

Software-based virtual keyboard for touchscreens (Python)

Next_word_prediction

NLP-based next word prediction model (Jupyter Notebook)

Package-prediction

Predict college students' package placements based on CGPA (Jupyter Notebook)