

Pawan Kumar Gupta

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in LinkedIn — 📄 GitHub — </> LeetCode

Summary

Full Stack Developer with expertise in Python, Flask, React.js, and REST API development, complemented by strong problem-solving and client communication skills. Seeking to contribute to innovative tech solutions in a dynamic environment.

EDUCATION

Noida Institute of Engineering & Technology

B.Tech, Computer Science Engineering

2022–2026

CGPA: 8.18/10

UP Board – 12th Grade

Percentage: 85.2%

2021

UP Board – 10th Grade

Percentage: 91% (District Topper, Top 10)

2019

Experience

Data Science & ML Intern YBI Foundation

Remote Sept – Oct 2023

- Developed a sentiment analysis model using Python, Pandas, and Scikit-learn, achieving 85% accuracy.
- Optimized data preprocessing pipelines, reducing processing time by 15%.
- Strengthened debugging and code optimization skills in a data-intensive environment.

Projects

FitTab – Fitness Data Analytics

[GitHub](#) — [Live Demo](#)



- Implemented real-time exercise pose detection with 90% accuracy using OpenCV and MediaPipe.
- Launched a Flask-based performance tracking dashboard, increasing user goal achievement rates by 25%.
- Tech:** Flask, OpenCV, HTML/CSS, JavaScript.

Movies Recommendation System

[GitHub](#) — [Live Demo](#)



- Built a recommendation engine with a responsive web interface using Python and Streamlit.
- Integrated a backend REST API for efficient data fetching and scalability.
- Tech:** Python, Machine Learning, Pandas, Scikit-learn, Streamlit, REST API.

Skills

Languages: Python, JavaScript (ES6+), C++, SQL, Java, C#

Backend: Node.js (Express.js), Python (Flask, Django), REST APIs, SQLAlchemy

Frontend: HTML5, CSS3, React.js, Responsive Design

Databases: MySQL, MongoDB Atlas

Tools/Platforms: Git, GitHub, Postman, VS Code, IntelliJ IDEA, Streamlit

Concepts: OOP, Computer Network, DBMS, Operating System, MVC Architecture, Machine Learning, Data Analytics

Achievements & Certifications

- Winner, Intercollege Coding Hackathon 2024
- Ranked in Top 10% in University Programming Contest
- Solved 350+ problems on LeetCode & 110+ on GeeksforGeeks
- Certifications: Full Stack Development (NIET Institute); Introduction to AI & ML (YBI Foundation); Data Visualization with Python (YBI Foundation); Introduction to AI
- Awarded multiple scholarships (JMS Trust, HDFC Bank Parivartan, UP Scholarship)
- District Topper (Top 10) in UP Board Exam (2019)