

# Pawan Kumar Gupta

Greater Noida, UP, India

pkg739895@gmail.com — +91-9305343440 — [in LinkedIn](#) — [GitHub](#) — [LeetCode](#) — [GeeksforGeeks](#)

## Education

**B.Tech, Computer Science Engineering**

2022–2026

Noida Institute of Engineering & Technology, Greater Noida

CGPA: 8.26/10

**12th, UP Board**

2021, 85.2%

**10th, UP Board**

2019, 91% (District Topper, Top 10)

## Technical Skills

**Web Development Fundamentals:** **HTML5**, **CSS3**, **JavaScript (ES6+)**, Responsive Design, REST APIs, Web Servers (Apache, Nginx - Basic Knowledge)

**Backend Languages & Frameworks:** **PHP**, Python (Flask, Django), Node.js (Express.js)

**Databases:** **MySQL**, Database Management Systems (DBMS), SQL, PostgreSQL, SQLAlchemy

**Front-end Frameworks:** **React.js**, Vue.js (Familiarity), Angular.js (Familiarity)

**Development Practices:** **Object-Oriented Programming (OOP)**, **Debugging**, **Version Control (Git)**, Unit Testing (Familiarity), Software Design Patterns, Clean Code, Code Review, Technical Documentation, Composer (Package Manager)

**Core CS Tools:** Data Structures and Algorithms (DSA), Linux, VS Code, Postman

## Projects

**FitTab – Fitness Tracking Web Application**

2025

- Engineered a full-stack web application using **Flask (Python)**, **HTML**, **CSS**, and **JavaScript** for real-time workout tracking and analytics.
- Implemented robust backend logic for **data fetching**, **processing**, and **storage in a SQL database**, ensuring data integrity and scalability.
- Designed an interactive **front-end with JavaScript** to provide real-time pose detection feedback using OpenCV and MediaPipe.
- Utilized Git for version control and maintained clear code structure for easy maintenance.
- Tech:* Flask, Python, SQLAlchemy, JavaScript, HTML5, CSS3, WebRTC, OpenCV, MediaPipe.
- [GitHub Repository](#) [Live Demo](#)

**Movies Recommendation System**

2024

- Developed a **machine learning-based recommendation engine** with a responsive web interface built using **Streamlit (Python)**.
- Integrated a backend API to efficiently fetch and represent data, focusing on user experience and scalability.
- Demonstrated proficiency in **Python programming**, **data processing**, and **API integration** for a web solution.
- Tech:* Python, Machine Learning, Pandas, Scikit-learn, Streamlit, REST API, Git.
- [GitHub Repository](#) [Live Demo](#)

**NurtureNest – Pregnancy Symptom Tracker**

2023

- Developed a web-based health monitoring tool using **HTML5**, **CSS3**, and **JavaScript** for intuitive user interaction.
- Implemented **Python-based backend logic** (Pandas, Scikit-learn) for data processing and generating visualizations of logged symptoms.
- Focused on **clean code** and clear data representation for easily interpretable health trends.
- Tech:* HTML5, CSS3, JavaScript, Machine Learning, Data Visualization, Data Processing.
- [GitHub Repository](#)

## Experience

**Data Science & ML Intern, YBI Foundation**

Sept – Oct 2023

*Remote*

- Developed a sentiment analysis model for financial news using **Machine Learning** techniques and **Python**.
- Gained practical experience in **data analysis**, **problem-solving**, and **implementing algorithms**, valuable for debugging and optimization.

## Achievements & Certifications

- Solved **350+** problems on LeetCode (Rating: **1450+**) and **110+** on GeeksforGeeks, demonstrating strong **Data Structures and Algorithms** and **problem-solving** abilities.
- Well-maintained GitHub profile** with codebases demonstrating skills (as linked above).
- Certifications: **JavaScript Essentials**, **React Developer**, Introduction to AI & ML, Data Visualization with Python.
- District Topper (Top 10) in UP Board Exam (2019).
- Awarded scholarships from JMS Trust, HDFC Bank Parivartan, and UP Scholarship.