

Pitamber Kumar Singh

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Professional Summary

B.Tech Data Science student with strong foundations in Python, data analysis, and full-stack development. Experienced in building AI-driven systems, database-backed applications, and responsive web platforms. Seeking opportunities to apply skills through practical projects and continuous learning.

Education

B.Tech in Data Science	2023 – 2027
Noida Institute of Engineering and Technology, Greater Noida	CGPA: 8.03
Senior Secondary (12th)	2020 – 2022
Chauhan Public School, Bhagalpur	72%
Secondary (10th)	2020
St. Joseph's School, Banka	86%

Skills

- **Programming:** Python, Java, C++, SQL
- **Data Science:** Pandas, NumPy, Matplotlib, OCR, LLM-based classification
- **Web & Backend:** Flask, Next.js, React, TypeScript, MySQL, Supabase
- **Tools & Concepts:** Git, Unix, OOP, Data Structures, Algorithms, Local LLM tools (Ollama)

Projects

- SpendSenseAI: AI-Powered Personal Finance Tracker** 2025
AI-based system using OCR and LLMs to convert bank statements into categorized spending insights.
 - Extracted and cleaned transaction data from bank statements using OCR.
 - Applied LLM-based classification to categorize expenses.
 - Code: github.com/thisispit/SpendSenseAI
- NewsFlow: Personal RSS News Aggregator** 2025
Mobile-responsive full-stack news aggregation platform.
 - Implemented RSS ingestion with real-time article display.
 - Built using Next.js, Supabase, and Tailwind CSS.
 - Live: newsfloww.online
- Voice-Controlled Transport Inquiry System** 2024
Voice-enabled transport information system.
 - Enabled users to query transport routes using voice-based origin and destination input.
 - Developed using Python, SQLite, speech recognition libraries, and Tkinter for the GUI.

Certifications

- Data Analysis with Python — Infosys Springboard (2025)
- Data Visualization — Tata (2025)
- Linux Fundamentals — Infosys Springboard (2024)
- Data Analytics with Python — Deloitte (2024)
- Python Programming Fundamentals — Infosys Springboard (2023)