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)