VINAY AGGARWAL

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PROFILE

Aspiring Artificial Intelligence and Data Science student with a strong foundation in programming and data analysis. Seeking opportunities to apply my skills in real-world projects and internships to further develop my expertise and contribute to innovative solutions.

EDUCATION

GGSIPU, Vivekananda Institute of Professional Studies — 2022 — 2026

Bachelor of Technology (B.Tech) in Artificial Intelligence and Data Science

- **SEM 1 GPA:** 7.800 | **SEM 2 GPA:** 7.080 | **SEM 3 GPA:** 8.519 | **SEM 4 GPA:** 8.320 | **SEM 5 GPA:** 9.154
- **Relevant Courses:** Programming in C, Web Programming, Principles of AI, Foundations of Data Science, Data Structures, Probability & Statistics, Machine Learning, DBMS, Software Engineering, Java, Computer Networks

St. Margaret Sr. Sec. School

- **10th Standard:** 85.4% (CBSE)
- **12th Standard:** 84.4% (CBSE)

SKILLS AND STRENGTHS

- **RAG:** llama3.1, Mixtral, Hugging Face, GROQ
- **Programming:** Python
- **Libraries:** OpenCV, LangChain, sentence_transformers, Pandas, NumPy, Matplotlib, Seaborn, Streamlit

EXPERIENCE

Motherson Group — 45 Days Onsite Internship

- Worked on projects in RAG, web development, and machine learning, gaining hands-on experience in AI-based solutions.
- Collaborated with different teams to design and develop innovative solutions, enhancing skills in both frontend and backend technologies.

PUBLICATIONS

WhatsApp Forensic Analysis for Group Chats using Exploratory Data Analysis and NLP
Vij, S., Agarwal, V., Aggarwal, V., & Goyal, V.

PATENT

AN AI-Driven MRI Image Analysis and Tumor Prediction System with Integrated Symptom Analysis and Hospital Recommendation Module

- **Application No:** 202511005383 A
- **Publication Date:** 07/02/2025
- **Patent Office:** Indian Patent Office
- Developed an AI-powered MRI image analysis system for brain tumor detection, classification, and treatment recommendations using deep learning and NLP techniques.