Akshat Jain

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Career Objective

Aspiring Data Scientist with strong foundations in Data Analysis, NLP, and Large Language Models (LLMs). Skilled in extracting insights from structured and unstructured data, and passionate about building intelligent AI-driven solutions. Seeking opportunities to apply technical expertise and analytical mindset in solving real-world problems while growing in the field of Data Science.

Education

B.Tech – Computer Science & Engineering (Specialization in Data Science)
Dayananda Sagar University, Bengaluru
Expected Graduation: 2026

Work Experience

Founder's Office Intern – Yamuna Ventures Pvt. Ltd. (June 2025 – Sept 2025)
- Worked closely with the founding team on data-driven decision-making and strategic business analysis.
- Applied data science techniques to extract insights from business operations and financial data.
- Assisted in cleaning and preprocessing of data.
- Collaborated with cross-functional teams to optimize processes through predictive analytics and market research.
- Supported business intelligence reporting and data visualization using Python and Power BI.

Projects

Sentiment Analysis of Text using NLP & LLMs
- Designed and implemented a sentiment analysis system capable of handling both text and speech inputs.
- Integrated Vosk Speech Recognition to convert audio into text.
- Developed sentence classification models to detect compound, complex, and compound-complex structures.
- Utilized NLP libraries (NLTK, SpaCy, TextBlob) and RoBERTa for polarity scoring.
- Incorporated LLM-based fine-tuned models to enhance contextual understanding.

Multimodal AI: Integrating Text, Image, and Speech for Human Interaction
- Built an AI-driven system capable of understanding multimodal inputs.
- Applied NLP for text analysis, Computer Vision for image recognition, and Vosk for speech-

to-text.
- Combined multimodal data to provide context-aware responses.
- Demonstrated cross-domain AI models for improved decision-making.

Skills

Programming & Tools: Python, SQL, Pandas, Excel
Data Science & AI: NLP, LLMs, Data Cleaning & Management, Sentiment Analysis
Libraries & Frameworks: NLTK, SpaCy, TextBlob, RoBERTa, Vosk Speech Recognition
Soft Skills: Analytical Thinking, Problem Solving, Prompt Engineering, Adaptability

Certifications & Achievements

• MathWorks – Image Processing Onramp
• be10x – Microsoft Office using AI Tools
• Altair RapidMiner – Data Engineering Certification

Extra Curricular

▪ National Level Skating Hockey Player
▪ International Math's Olympiad – Gold Medalist
▪ Runner Up at Chess Championship at Khel Mahakumbh