Akshata Nayak

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Objective

Motivated and detail-oriented B.Tech student in Computer Science (AI & ML) at Manipal University Jaipur, seeking internship or job opportunities to apply technical and analytical skills in software development and NLP. Passionate about transformer models, web development, and user-focused design.

Education

Manipal University Jaipur
B.Tech in Computer Science Engineering (Artificial Intelligence & Machine Learning)
2022 – 2026

Sagar Public School, Bhopal
Class 12 (CBSE)
Graduated 2021

Skills

Languages: Python, JavaScript, HTML, CSS
Frameworks/Libraries: React.js, Bootstrap, Pandas, NumPy, Matplotlib
Tools: VS Code, Google Colab, Canva, Notion
Soft Skills: Communication, Teamwork, Organization, Adaptability

Projects

Transformer-Based Sentiment Analysis (Minor Project)
Conducted a large-scale sentiment analysis using BERT and DistilBERT on 205K+ e-commerce reviews. Evaluated robustness across data splits and initialization randomness. Achieved over 98% accuracy with minimal performance fluctuation.
Tools: Python, HuggingFace, NLP, Google Colab

SalesTrail – Real-Time Salesperson Tracker (Research Project)
Researched existing salesperson tracking solutions and analyzed their features and usability. Created a detailed presentation highlighting potential benefits and user impact for a proposed tracking app.
Tools: Research, Presentation (Canva)

Certifications

- Introduction to Machine Learning – NPTEL (2025)

- Data Analysis with Python – IBM, Coursera (2024)

- Social Determinants of Health – University of Michigan, Coursera (2024)

- Social Psychology – Wesleyan University, Coursera (2024)

- Python for Everybody – Udemy (2023)

Languages

- Hindi – Native

- English – Proficient