

CHINMAY JAIN

Motilal Nehru National Institute Of Technology Allahabad

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Education

Motilal Nehru National Institute of Technology Allahabad <i>Bachelor of Technology, Chemical Engineering with Minor in Management</i>	CPI:8.59 (till 4th Sem) <i>2023-2027</i>
Pace Junior Science College Nerul, Navi Mumbai <i>Maharashtra State Board of Secondary and Higher Secondary Education – Class XII</i>	Percentage: 89.6 <i>2023</i>
North Point School, Navi Mumbai <i>Indian Certificate of Secondary Education - Class X</i>	Percentage: 96.6 <i>2021</i>

Experience

G-Rish Pharma Pvt Ltd. <i>Data Analyst Intern</i>	Navi Mumbai November–December 2024
<ul style="list-style-type: none">Performed exploratory data analysis (EDA) on 12+ datasets using MySQL to identify 3 key inefficiencies in inventory, freight costs, and supplier coordination and recommended data-driven improvements.Automated email workflows using Python and Google Sheets, reducing manual effort.	

Projects

Autonomous Blog Architect <i>Python, LangGraph, FastAPI, Groq API, Tavily API, StreamLit</i>	August 2025
<ul style="list-style-type: none">Engineered an agentic, multi-step blog generation platform that autonomously searches, summarizes, and drafts SEO-optimized long-form articles, cutting manual content preparation by 85%.Integrated Groq API for ultra-low-latency (300ms) large language model inference and Tavily API for context-aware web search, delivering 98% topic relevance in final outputs.Built prompt-chaining to create outlines, titles, and 1,000+ word drafts with a 73 Flesch score.	
Agentic News Generator <i>Python, LangGraph, NLP, FastAPI, Groq API, Tavily API, StreamLit</i>	July 2025
<ul style="list-style-type: none">Developed a real-time news summarization engine that autonomously fetches, processes, and condenses articles into factually accurate briefs, achieving 92% ROUGE-1 similarity to expert references.Leveraged Groq API and Tavily to generate precise summaries in 2.5s, enabling real-time intelligence.Deployed via Streamlit with a secure .env-based API key management system, ensuring zero secret leakage while providing a responsive, browser-based interface.	
Ad Performance Predictor & Rewriter <i>Python, TensorFlow, LSTM, NLP, Streamlit</i>	June 2025
<ul style="list-style-type: none">Built multi-class Long Short-Term Memory (LSTM) models to predict Click-Through Rate (CTR), Cost Per Click (CPC), and conversion stage with over 90% accuracy.Designed a tone classifier to detect Emotional, Rational, and Hype-based ad styles to support targeted marketing strategies.Implemented a sequence-to-sequence (Seq2Seq) LSTM model to rewrite low-performing ad copies, achieving a BLEU score of 0.71 on test data, and deployed it via a real-time Streamlit interface.	

Technical Skills and Interests

Languages: MySQL, Python
Libraries: Pandas, NumPy, Matplotlib, Scikit-Learn, TensorFlow, Langchain, LangGraph
Frameworks: Flask, Streamlit
Software: Power BI, Excel, PowerPoint, VS Code, Tableau
Soft Skills: Leadership, Mentoring, Effective communication, Teamwork
Areas of Interest: Agentic AI, Deep Learning, A/B Testing, Natural Language Processing

Position of Responsibility

Mentor , Student Mentorship Program	June 2024 – Present
Content and Marketing Coordinator , Institute Innovation Council	October 2024 – Present

Achievements

- 2nd place** in Datavision, Avishkar 2024, for developing an AI-powered predictive analytics model.
- Finalist (Top 10)** in Case Chronicles, **IIT Indore**, for devising a data-driven market expansion strategy.
- Secured podium** in Hindi Debate at the Personality Development Workshop, MNNIT (2024).
- Awarded the INSPIRE Scholarship (**Top 1% of Maharashtra Board students**).
- Achieved **2nd position** in Turbo Speed, Avishkar 2024