

# ARMAN KHAN

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## OBJECTIVE

- To work on intelligent systems that solve real-world problems using AI and data-driven approaches, while continuously learning and applying modern technologies to build scalable, impactful solutions.

## EXPERIENCE

**Jr. Data Scientist | TradeIndia (INFOCOM Network Pvt. Ltd) Current** **25 Aug - Working**

- Working on an **AI search system using agentic AI**, similar to Google AI Mode, to help users find products and perform actions on TradeIndia. Where **multi-agent workflows** that automate tasks and improve user productivity using modern AI frameworks.

## ACADEMIC PROJECTS

### Next Word Prediction using LSTM

- **Project Overview:** Developed a deep learning model using LSTM networks to predict the next word in a sentence based on previous context.
- **Technologies:** Python, Keras, TensorFlow, NLTK.

### Context-Aware QA System with Gemini LLM, LangChain & Pinecone

- **Built End-to-End RAG** system using LangChain, Google Gemini AI, and Pinecone for intelligent PDF document question-answering
- Developed Flask web application with document processing pipeline, vector embeddings, and semantic search capabilities

### YouTube Comment Sentiment Analyzer

- Built a web application that analyzes YouTube video comments to determine audience **sentiment**. Simply paste a video URL to see if viewers' reactions are **positive, negative, or neutral** - displayed through an intuitive pie chart visualization
- Please take a moment to check out the website [Live Demo](#)

### 15 Minutes Bites – Food Delivery Website

- Developed a responsive food delivery website for **15 Minutes Bites** with a user-friendly menu.
- Optimized performance for fast loading, mobile responsiveness, and clear WhatsApp ordering details.
- Please take a moment to check out the website [Live Demo](#)

## SKILLS

- **Languages & Libraries:** Python | NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras.
- **AI / GenAI & Agentic Systems:** Agentic AI, GenAI, LangGraph, MCP Tools, Prompt Engineering
- **Web Dev:** Flask, HTML, CSS, JavaScript, Bootstrap, React | Integrated AI tools (e.g., ChatGPT)
- **ML & DL:** Supervised & Unsupervised Learning, ANN, CNNs, RNN, LSTM, Transformer, Transfer Learning, Model Optimization.
- **Tools & Platforms:** Git, BitBucket, Jira, GitHub, Firebase, Jupyter Notebook, Google Colab, MS Excel, MS Word.
- **Others:** REST APIs, Data Structures & Algorithms.

## EDUCATION - Lloyd Institute of Engineering and Technology, Greater Noida - 2022-2026

- Pursuing Bachelor of Technology (B.Tech) – Computer Science & Engineering (Data Science), 8th semester, CGPA 8.1, with no backlogs.

## ACHIEVEMENTS

- Successfully completed 24-hour coding challenges like **CodeThon** and **Code Hustler**, demonstrating problem-solving skills and endurance.
- Passionate about competitive coding and open-source contributions.