

AYACHI P. MISHRA

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EDUCATION

Bachelor of Technology in Computer Science & Engineering Indian Institute Of Technology Delhi (Abu Dhabi Campus) CGPA: 9.01/10.00	August 2024 - July 2028
CBSE, Class XII Mayoor Private School, Abu Dhabi, United Arab Emirates, 89%	April 2023 - June 2024
CBSE, Class X Mayoor Private School, Abu Dhabi, United Arab Emirates, 97.2%	April 2021 - June 2022

SKILLS

Languages	Python, C, SQL
Frameworks	TensorFlow, Scikit-Learn, LangChain, Flask, Reactpy, spacy
Tools	Linux, Docker, Pandas, Git
Full Stack	Web Development (Flask, Reactpy, SQL, Docker, Linux)

PROJECTS

Adan: Social Signal Intelligence System Mashreq Bank Hackathon <i>Spacy, Langchain, Pydantic, OpenAI</i>	January 31, 2026
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- **Finalist** at the University of Birmingham, Dubai Hackathon.
- Engineered a **multi-modal pipeline** to synthesize complex customer sentiment and risk factors.
- Implemented **Human-in-the-Loop** processes to ensure secure and compliant operations.

LLM Based Retail Q&A assistant <i>SQL, Langchain, SQLDatabaseChain, Python</i>	June 2025 - August 2025
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- An NLP project to enable businesses run faster SQL queries without the need of end-user SQL knowledge
- Takes input in plain English for database queries, converts to SQL queries and returns the answer

Webpage Q&A tool <i>Flask, Python, HuggingFace, TensorFlow</i>	September 2025 - October 2025
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- The tool effectively answers user questions based on the content of a provided URL.
- Enabled using text extraction, text preprocessing and cleanup and embedding based semantic search.
- Developed using python, langchain and transformer based embeddings.

POSITION OF RESPONSIBILITY

Class Representative Of Computer Science <i>IITD - Abu Dhabi</i>	August 2025 - Present
Mess Representative Of Boys Hostel <i>IITD - Abu Dhabi</i>	August 2024 - present

RECOGNITIONS AND ACHIEVEMENTS

1. **Ranked 7th globally** in the entrance examination and thus placed in the top 0.3% of applicants for IIT Delhi-AD
2. Attained **Black Belt** in Shotokan Karate
3. Member of the Starting XI soccer team representing IIT Delhi Abu Dhabi in UAE-wide competitions.