Rimjhim Jha

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Objective

Looking for an internship opportunity to contribute meaningfully, learn about industry practices, and apply my knowledge in a real-world setting that encourages growth.

Education

Vellore Institute of Technology, Bhopal   Expected May, 2026
B.Tech, Computer Science and Engineering (CGPA: 8.63 / 10)   *Bhopal, MP*

Kendriya Vidyalaya, Bolarum — CBSE   2020 – 2022
12th: 78.8% (2022), 10th: 91.6% (2020)   *Hyderabad, Telangana*

Technical Skills

Languages: C++, Python, JavaScript, C.

Technologies and Frameworks: HTML, CSS, React, Flask, FastAPI, Streamlit, Git, GitHub, SQL.

Area of Expertise: Machine Learning, Artificial Intelligence, Deep Learning, Natural Language Processing, Large Language Models (LLM), Retrieval-Augmented Generation (RAG), Multi-Modal RAG, Fine Tuning, MLOps.

CS Fundamentals: Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Computer Networks, Database Management Systems, Software Development, Problem Solving.

Certifications & Training: Data Science and AI masters (Udemy)(Ongoing),Machine Learning Specialization by DeepLearning.AI (Coursera), Google AI Essentials (Coursera).

Projects

AskAnything Bot – AI Q&A System | *LlamaIndex & Google Gemini*   **Mar 2025 - Ongoing**

- Built an intelligent QA system that extracts answers from user-uploaded documents using LlamaIndex and Gemini 1.5 Pro.
- Used LlamaIndex for chunking and semantic indexing to improve retrieval accuracy and contextual understanding.
- Deployed the interface using Streamlit and made it publicly accessible via Hugging Face Spaces.

Gemstone Price Prediction with ML pipeline | *Flask, Machine Learning*   **Jan 2025 - Apr 2025**

- Developed a predictive model for gemstone pricing with a Flask-based interface, achieved $R^2 = 0.98$ using Random Forest.
- Processed 10,000+ records by handling missing values, encoding categorical features, and removing outliers.
- Connected the complete ML workflow from data preprocessing to live model inference.

SQLGenAI | *Google Gemini API Pro, Streamlit*   **Dec 2024 - Feb 2025**

- Designed a GenAI-powered Text-to-SQL application that interprets natural language queries using the Google Gemini API.
- Integrated SQLite3 to enable real-time query execution across dynamic table schemas.
- Evaluated system performance using 10+ complex queries across varying datasets.

Experience

Entrepreneurship Cell , VIT Bhopal   **Mar 2024 – Feb 2025**
Lead of Social Media Team   *VIT BHOPAL UNIVERSITY*

- Led 4-member team, coordinating 10+ events (3,000+ participants). Boosted engagement by 12% via strategic campaigns. Gained key collaboration, time management, and execution skills.

Achievements

- Hackerrank Java Gold Badge (5-Star), Hackerrank C++ (2-Star)
- Hackerrank SQL Gold Badge (5-Star)
- Demonstrated proficiency in diverse programming languages by solving over 300 Data Structures and Algorithms (DSA) problems on various platforms.