

Rimjhim Jha

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Objective

Looking for a product or data-driven role to apply my skills in programming, data analysis, and machine learning to design, develop, and launch impactful products.

Education

Vellore Institute of Technology, Bhopal

B.Tech, Computer Science and Engineering (CGPA: 8.65 / 10)

Expected May 2026

Bhopal, MP

Kendriya Vidyalaya, Bolarum — CBSE

12th: 78.8% (2022), 10th: 91.6% (2020)

2020 – 2022

Hyderabad, Telangana

Technical Skills

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

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

Machine Learning & AI: Machine Learning, Deep Learning, Data Science, Neural Networks, Generative AI, Statistical Modeling, 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 (DeepLearning.AI – Coursera), Google AI Essentials (Coursera).

Experience

Sustainivo

Apr 2025 – June 2025

ML Analyst

Remote

- Worked in a 4-member team to build an OCR and ETL pipeline in Python, improving text extraction accuracy from scanned documents by 20%.
- Implemented and tested an information-extraction module that reduced manual data entry time by 35% through automated extraction of structured data, supporting product insights and operational efficiency.
- Collaborated with cross-functional stakeholders to align ML outputs with product requirements, enhancing the relevance and usability of the pipeline.

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 on Hugging Face Spaces, gathering user feedback to refine product features.

Gemstone Price Prediction with ML pipeline | *Flask, Machine Learning*

Jan 2025 - Apr 2025

- Developed an end-to-end ML product for gemstone price prediction 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.
- Integrated the complete pipeline including ETL, supporting data-driven insights for pricing decisions.

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.
- Incorporated SQLite3 to enable real-time query execution across dynamic database schemas.
- Conducted product performance tests with 10+ complex queries, improving reliability and efficiency for end-users.

Extracurricular

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.