

Rimjhim Jha

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Objective

Looking for a software engineering role to apply my problem-solving skills, technical knowledge, and collaborative approach in designing, developing, and delivering scalable solutions.

Education

Vellore Institute of Technology, Bhopal

Expected May 2026

B.Tech, Computer Science and Engineering (CGPA: 8.65 / 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, Flask, FastAPI, Streamlit, Git, GitHub, SQL.

Core Areas: Data Science, Machine Learning, Deep Learning, Generative AI, 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

- Collaborated in a 4-member team to build modular OCR and information-extraction pipelines in Python, integrating them into production-ready systems that improved text accuracy by 20%.
- Designed and automated structured data extraction with reusable components, reducing manual data entry time by 35% and enhancing overall workflow efficiency.

Projects

GitChat | *ReactJS, Next.js, TypeScript, PostgreSQL*

Mar 2025 - Ongoing

- Working in a 5-member team to develop a microservice-based SaaS platform aimed at transforming project collaboration and management workflows.
- Contributing primarily to the development of the GitHub RAG pipeline, enabling semantic codebase search and smart commit summaries to improve developer efficiency and team productivity.
- Supporting system-wide features such as AI-assisted transcription and summarization, which currently achieves 98% accuracy for meeting notes.

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.
- Integrated the complete ML pipeline from data preprocessing to real-time 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.
- Incorporated SQLite3 to enable real-time query execution across dynamic database schemas.
- Designed and executed performance tests using 10+ complex queries, improving accuracy and operational reliability across datasets.

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.