ROHIT MEWADA

Phone: +91 9589582598 | Email: rohitrajput43882@gmail.com
Bhopal, MP
GitHub: Rohit-mewada | LinkedIn: Rohit-mewada

Profile

Final-year Computer Science (AIML) undergraduate with strong foundations in data structures, algorithms, and software development. Hands-on experience in building AI-driven healthcare applications using Python, Flask, and Machine Learning. Adept at problem-solving, analytical thinking, and delivering scalable, real-world technology solutions aligned with business needs.

Technical Skills

- **Programming:** Python, C, C++
- **Core Computer Science:** Data Structures, Algorithms, DBMS, Operating Systems, OOPs
- **AI & ML:** RAG, Machine Learning
- **Backend:** Flask
- **Databases:** SQL(MySQL)
- **Tools & Platforms:** Git, GitHub, Google Colab, VS Code, Hugging Face Spaces
- **Behavioral Skills:** Collaborative team player, strong problem-solving skills, technical proficiency

Education

Bachelor of Technology – Computer Science Engineering (AIML) 2022 – 2026
Sagar Institute of Science, Technology & Research, Bhopal
CGPA: 8.15 / 10

Senior Secondary (12th) – MPBSE 2022
Ambika Public H.S. School Toomda, Bhopal
Percentage: 65.60%

High School (10th) – MPBSE 2020
Ambika Public H.S. School Toomda, Bhopal
Percentage: 85.66%

Project Experience

RAG-Based Doctor Assistant Chatbot Live Demo
Python, Flask, RAG, Hugging Face Spaces

- Designed and developed a healthcare chatbot providing context-aware insights on diseases, medications, and drug–drug interactions.
- Implemented Retrieval-Augmented Generation (RAG) to improve response accuracy and reliability.
- Enhanced medical knowledge accessibility through a structured, user-friendly system design.

AI-Powered Healthcare Solution Live Demo
MERN Stack, Python, Flask, Machine Learning

- Built an AI-enabled healthcare solution for symptom-based assessment and personalized recommendations.
- Applied machine learning analytics to support real-time diagnostic insights and decision-making.
- Enhanced platform usability through conversational AI and scalable backend services.

Achievements

- Winner – National Level Binary Battles Software Hackathon - Navonmesh 2025
- Winner – State Level Hackathon Codictive 3.0, Bansal Institute
- 3rd Position – SISTec Innovation Hackathon (SIH 3.0), 2025
- Semifinalist – Health Hack 2025, a national-level hackathon organized by VIT Bhopal in collaboration with Johns Hopkins Whiting School of Engineering