

Mohit Redhu

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Summary

Computer Science undergraduate with strong foundation in OOP, data structures, algorithms, and problem-solving. Skilled in developing full-stack applications and AI-based solutions using Python, C++, and Flask. Passionate about building efficient systems, with experience in data analysis, machine learning, and web development. Seeking opportunities to apply technical expertise in real-world projects.

Technical Skills

- **Programming Languages:** Python, C++, Java, JavaScript
- **Frameworks & Tools:** Flask, TensorFlow, Keras, Streamlit, Git
- **Web Technologies:** HTML, CSS (Flexbox, Grid), Bootstrap, JS, Node.js, Express.js, REST APIs
- **Database Systems:** MySQL, Relational DB Design
- **Core CS Concepts:** DS, Algorithms, OOP, Complexity Analysis, Distributed Systems

Technical Projects

1. **Multi-Modal AI Skin Disease Prediction System** | Designed a deep learning medical app classifying 14 types of skin diseases. Preprocessed images with OpenCV/Pillow for enhancement and augmentation. Built Flask REST API backend integrated with Firebase for storage and authentication. Multimodal input (images + textual symptoms) improved diagnostic precision. Modular design allows future AI chatbot integration.
2. **FarmRise – Organic Farming Marketplace Platform** | Developed full-stack platform connecting organic farmers and buyers. Features: farmer verification, real-time product listings, secure transactions, responsive UI, and AI-based recommendation system for personalized user experience.

Education

1. **Bennett University, Greater Noida, India** *2023 – Present*
B.Tech in Computer Science and Engineering, **CGPA:** 8.84 / 10.0
Relevant Coursework: Data Structures & Algorithms, OOP, DBMS, Operating Systems
2. **Supreme Senior Secondary School, Jind, Haryana, India** *Completed 2023*
10th Grade: 95%, 12th Grade: 81%

Achievements & Certifications

- Solved 400+ DS and Algo problems on LeetCode and GeeksforGeeks
- Batch Representative since college start
- Participated in Microsoft Hackathon Hackathon, building AI-based solutions
- Coursera: Neural Networks and Deep Learning (Completed)
- Coursera: Improving Deep Neural Networks, Structuring ML Projects, CNNs, Sequence Models (Enrolled)
- Coursera: ML Classification (University of Washington)
- Coursera: Data Structures (UC San Diego)