Harsh Sabharwal

Delhi, India
B.Tech in Computer Science and Engineering

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EDUCATION

- **VIT Bhopal University**
  B.Tech — Computer Science and Engineering (CGPA 8.53/10) 2022–2026

- **Sachdeva Public School, Delhi**
  ISC — Class XII (PCM) 83.4% 2022

- **Sachdeva Public Schools, Delhi**
  ICSE — Class X 87.2% 2020

EXPERIENCE

- **Bharti Airtel Limited** *Delhi*
  Machine Learning Intern Nov 2024 – Dec 2024
  - Developed stock price trend forecasting models using supervised learning methods with datasets provided by Bharti Airtel Ltd.

SELECTED PROJECTS

- **Project on Real Time Breast Cancer Detection System using RNA sequence data**
  - *Random Forest • XGBoost • CNN* 2025
    - Develop an AI/ML-based system for early and real-time detection of breast cancer using RNA sequencing (RNA-Seq) data
    - Improve accuracy over traditional diagnostic methods (like mammograms or biopsies) by leveraging gene expression patterns

- **Real Time Potato Disease detection using FBEWT and customized VGG** *Published — MAI Conf.*
  FBEWT • VGG16/19 • Random Forest 2025
    - Combined FBEWT signal features with VGG embeddings for Random Forest classifier (94% accuracy on 2152 images).
    - Validated with ROC, Violin curve plots, and published research detailing FBEWT-VGG hybrid model.

TECHNICAL SKILLS

- **Languages:** Python, Java,SQL
- **ML / AI:** Time-Series, Computer Vision, NLP, Transfer Learning
- **Tools:** Git, Docker, Jupyter, OpenCV

CERTIFICATIONS

IBM GEN-AI 2025
AWS SOLUTIONS ARCHITECT

ACHIEVEMENTS

- **DSA-** 150+ questions solved in LeetCode

- **TOP 2%-** NPTEL Marketing Analytics