



ABHASH BHADORIA

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Education

VIT Bhopal University (Bhopal), Madhya Pradesh, India 2022 – 2026
Bachelor of Technology (B.Tech) in CSE (Specialization in Cyber Security and Digital Forensic) CGPA 8.6

Kendriya Vidyalaya CME, Pune 2021 – 2022
CBSE (Class XII) Percentage 67

Technical Skills

Programming **Data Management:** Java, Python, SQL, Data Cleaning
AI Machine Learning: Machine Learning, Natural Language Processing (NLP), TensorFlow
Data Analysis Visualization: Microsoft Excel, Power BI

Projects

Chaos Cryptography | *Flutter, Dart, Encryption Libraries* | **GitHub Link** | **Sep 2023 – Nov 2023**

- Used Flutter and Dart to create a safe, cross-platform messaging application with end-to-end encryption.
- developed a complete Flutter user interface, including encrypted group chat, profile management, dark mode, and responsive layouts.
- Encryption libraries are integrated for smooth, background messaging security.
- created a real-time solution to deal with illegal access and data breaches.

Deep Fake Video Detection System | *PyTorch, OpenCV, TensorFlow, Keras, Res Next-50* | **DEMO** | **February 2025**

- Created a deepfake detection system driven by AI that examines motion artifacts, frame-level changes, and facial irregularities.
- High detection accuracy and real-time processing speed were attained by concentrating on model training and optimization.
- By spotting fake video content on popular platforms like social media, I helped improve digital security.

Disease Prediction System | *Python, Streamlit, scikit-learn, Pandas, NumPy* | **GitHub Link** | **Dec 2024- April 2025**

- Independently designed and developed a machine learning-based system to predict diseases from user-reported symptoms using a Stream-lit web interface.
- Built and trained the complete ML pipeline using Python and scikit-learn, handling data preprocessing, model selection, and deployment.
- Enables quick preliminary diagnosis support for individuals and healthcare workers in resource-constrained or remote environments.

Drishti: AI Smart Glasses for Blind Navigation | *Jetson, Pi, YOLO, OCR, GPT, OpenCV* | **Ongoing**

- Developing AI-powered smart glasses to assist blind users with navigation, object and face detection, emotion recognition, and voice-based assistance.
- Implementing YOLOv8, DeepFace, and Tesseract OCR for object detection, emotion analysis, and text-to-speech functionality.
- Creating an integrated system for auditory feedback, safe navigation, and scene narration.

Certifications

- IBM DevOps Fundamentals — **View Certificate**
- IBM Blockchain Developer — **View Certificate**

Leadership / Extracurricular

- Discipline committee coordinator, VIT Bhopal University, Bhopal (MP).
- Core member of the VIT Bhopal University Mozilla Firefox Club's event management team.
- Core Member in AWS Cloud Club of VIT Bhopal University.
- solved more than 200 Data Structures and Algorithms (DSA) tasks on LeetCode, which really improved my ability to solve problems and think algorithmically.

Language

- Fluent in English, Hindi