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 8.5*

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

Projects

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

- Built Chaos Cryptography, a secure cross-platform messaging app developed using Flutter with end-to-end encryption to ensure message confidentiality and user privacy.
- Designed and implemented the entire Flutter-based UI, including responsive layouts, dark mode, profile management, and encrypted group chat interface.
- Focused on enhancing user experience and usability, enabling intuitive navigation and seamless message encryption/decryption.
- Contributed to a real-time solution for secure communication, addressing modern concerns around data breaches, surveillance, and unauthorized access.
- Ideal for journalists, legal professionals, and corporate teams who require secure, private communication in both personal and professional contexts.

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

- Developed an AI-powered system that detects deepfake videos by analyzing facial inconsistencies, motion artifacts, and frame-level manipulations using deep learning models.
- Focused on model training, optimizing detection accuracy, and integrating AI models into the system with a team of five members.
- Helps detect manipulated videos on social media and enhances digital security by identifying fraudulent content.
- Improved real-time processing speed, enhanced accuracy, and expanded integration with major content-sharing platforms.

Disease Prediction System | *Python, Streamlit, scikit-learn, Pandas, NumPy* |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.
- Future-ready for integration with telemedicine platforms, voice-enabled AI assistants, and wearable health monitoring systems.

Technical Skills

Languages: Python, Java, HTML/CSS, SQL.
Developer Tools: Linux, Jupyter Notebook, Git GitHub, Visual Studio Code, Google Colab.
Technologies/Frameworks: Scikit-learn, NumPy, Pandas, Stream-lit, Flask, Hugging Face Transformers, BERT, GPT, Model Evaluation, Feature Engineering, Neural Networks, Cybersecurity Fundamentals, Network Security.

Leadership / Extracurricular

- Coordinator in discipline committee, VIT Bhopal University, Bhopal (MP).
- Core Member in Mozilla Firefox Club in Event Management Team of VIT Bhopal University.
- Core Member in AWS Cloud Club of VIT Bhopal University.
- Solve more than 100 DSA questions on the Leetcode coding platform.

Language

- Fluent in English , Hindi