VIBHOR BHATT

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Education

Graphic Era University   **Aug. 2022 – June 2026**
Bachelor of Technology in Computer Science-4th year   *Dehradun, Uttarakhand*

Relevant Coursework

- Data Structures
- Version Control
- Algorithms Analysis
- Database Management
- Operating Systems
- Object Oriented (OOP)
- Machine Learning
- Computer Architecture
- Artificial Intelligence
- Generative AI

Projects

Resume Ranking System | *Streamlit, Python, NLTK, PyPDF2, Cosine Similarity*   **December 2024**
- Developed a resume ranking system using NLP and machine learning to match resumes with job descriptions.
- Implemented text extraction and preprocessing using PyPDF2 and NLTK for efficient resume analysis.
- Utilized CountVectorizer and cosine similarity to compute relevance scores with an accuracy of 91/100.
- Built an interactive UI with Streamlit, enabling seamless user input and real-time ranking results.

Liveliness Detection System | *Python, OpenCV, PyCharm*   **June 2024**
- Engineered a Python-based system to verify real-time human presence behind the camera.
- Processed frames, split data, and labeled data with custom scripts to enhance accuracy and efficiency.
- Created a comprehensive dataset from scratch, comprising over 8,000 images to train the detection model.
- Achieved an accuracy rate of 85/100 on testing data, demonstrating the effectiveness of the system.

Decentralized Arbitration Service | *Solidity, Hardhat, React.js, WalletConnect, Polygon Amoy Testnet*   **April 2025**
- Designed and deployed a B2B decentralized arbitration platform on the Polygon Mumbai Testnet.
- Created an escrow smart contract to securely manage funds during transactions.
- Built a React.js-based frontend integrated with WalletConnect for seamless dApp connectivity.
- Implemented a DAO voting mechanism for conflict resolution among business members.
- Reduced dispute resolution time to under 48 hours, streamlining processes for small businesses.
- Recognized as a Top 15 Finalist at the Supernova Hackathon 2025 by Eth India for technical innovation and excellence.

8085 Simulator | *C++, Standard Template Library, Sublime Text*   **November 2023**
- Designed an 8085 microprocessor simulator in C++ with comprehensive functionalities.
- Implemented essential features such as flags and registers
- Added a debug mode to enhance usability and efficiency.
- Utilized in university courses for teaching and practical demonstrations

Achievements

- Contributed to multiple open source projects during Hacktoberfest 2024.
- Developed an AI pipeline for a startup using Whisper and GPT mini APIs, streamlining data processing workflows.
- Secured 5th place at the Eth India Web3 Hackathon, with a patent recommendation for the project.
- Engaged in a 24-hour Graph-a-Thon coding competition.

Skills

Languages: C++/CPP, Python, Golang, Java, C, HTML, CSS, JavaScript, MySQL, React, PHP
Developer Tools: VS Code, Docker, Google Colab, Sublime Text, Hardhat
Technologies/Frameworks: Linux, GitHub
Soft Skills: Analytical Thinking, Problem Solving, Logical Thinking, Quick Learner, Abstract Thinking, Technical communication, Deadline-driven, Fast-paced, Dynamic environments

Certifications

- Introduction to Generative AI(google cloud). Link
- AWS Cloud Practitioner. Link
- Introduction To Computer Science (Certified By Harvard). Link
- Data Science with Python (Certified By Coursera). Link