Arnab Bhattacharyya

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- Gopalpur, North 24 Parganas, West Bengal, India(743273)

- GITHUB
- LINKEDIN
- PORTFOLIO

EDUCATION

Bachelor of Technology in CSE-AIML

Brainware University, Barasat, India   • Graduated: 2025

Higher Secondary Education

Beri-Gopalpur Adarsha Vidyalaya(H.S), 24 PGS (N), India   • Completed: 2021

Secondary Education

Beri-Gopalpur Adarsha Vidyalaya(H.S), 24 PGS (N), India   • Completed: 2019

SKILLS

Programming Languages
- PYTHON
- JAVA
- C

Machine Learning
- OPENCV
- MEDIAPIPE
- TENSORFLOW
- NUMPY
- PANDAS

Additional
- HTML
- CSS
- JAVASCRIPT
- FLASK
- NEXTJS

PROJECTS

GROOT

Groot is an Android application that uses Machine Learning as a feature, it can detect plant diseases by using leaf image as an input. I handled the Machine Learning part.

Tech Stack: Python, Machine Learning, Keras.

ATTENDEASE

Develop a smart attendance system called AttendEase using OpenCV python. It will take human face as an input and if that face present in the database then it will mark that student as present.

Tech Stack: Python, Mediapipe, OpenCV

VOLAR

Voler is the OpenCV project, by using it user can control the volumn of their PC or Laptop by only using two fingers. I use OpenCV to make it real-time, Mediapipe for finger detection and Pycaw to control volumn.
Tech Stack: Python, Mediapipe, OpenCV

EMOTION DETECTION

Emotion detection project created using haar cascade. It will first detect the face then according to the person's expression it will detect the emotion.

Tech Stack: Python, Haar Casecade, Face Detection

DOCTPLUS

Developed and implemented a web-based application, DoctPlus, leveraging machine learning algorithms to accurately predict human diseases such as Heart Disease, Diabetes, and Parkinson's Disease.

Tech Stack: Python, HTML, CSS, JavaScript, Flask

ACHIEVEMENTS

HustleX, IIM Lucknow — Aug, 2023
Achieved 5th position for our innovative idea and innovative web-app.

Ideathon at IIM Bangalore — July, 2023
Secured a top-22 finish for our innovative idea and presentation skills.

HackFest'23, IIT(ISM)Dhanbad — April, 2023
Participated in HackFest'23 at IIT(ISM) Dhanbad, showcasing technology and innovation skills.