



ARYAN BUDUKH

B.tech Computer Engineering

Second Year

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SUMMARY

A tech-savvy SY Btech Computer Engineering student skilled in Python, C++, and AI. My projects, like fatigue and forest fire detection using CNNs, highlight my expertise. With certifications in machine learning, IBM Watson, and web development, I'm committed to continuous learning. Academically, I've maintained an SGPA of 8.5 and excelled in Class 12th and 10th exams. Projects such as cancer detection and an educational game on eclipses showcase my innovative thinking and potential in the field.

EDUCATION

VISHWAKARMA UNIVERSITY

Bachelor's Degree in Computer Engineering

2023 - 2027

SGPA - 8.5

ALLENS CAREER INSTITUTE

CLASS 12TH

2021 - 2023

GRADE - A

AARYANS WORLD SCHOOL

CLASS 10TH

2020

CGPA - 9.0

SKILLS

- PYTHON PROGRAMMING
- MACHINE LEARNING
- IBM WATSON
- WEB DEVELOPMENT
- C , C++
- JAVA
- DATA STRUCTURE ALGORITHM

CERTIFICATIONS

- AMCAT Certified Data Processing Specialist
- Python data structures: Stacks, queues, and dequeues
- Python Data Structures
- AI using IBM WATSON
- Function calling with the OpenAI API
- Python Tools: Jupyter vs. PyCharm
- Building ChatGPT Plugins: How They Work and How to Use Them
- AMCAT Certified Software Development Trainee

PROJECTS

Fatigue detection using EfficientNetV2

2024 - Present

This project employs Convolutional Neural Networks (CNNs) to detect drowsiness and fatigue across all age groups. With 8000 images, the model learns facial cues for real-time detection, enhancing safety and well-being..

Forest fire detection using deep learning

2024 - APRIL

This project introduces a forest fire detection method using the Pre trained CNN model. Trained on forest images, it achieves over 90% accuracy in distinguishing fire and normal scenes, promising improved monitoring and mitigation.

Cancer Detection using machine learning

2023 - NOV

Our project developed a smart deep learning and machine learning model for tumor detection, distinguishing between malignant and benign tumors. Through rigorous training, it offers potential to revolutionize medical diagnostics..

Eclipses : Perspective Is Everything

2023 - SEP

Our project is a fun educational game/story for young learners explaining eclipses' mechanics, including eclipse seasons, their occurrence, and why visibility varies. It simplifies complex concepts to engage and teach effectively.

LANGUAGES

- ENGLISH
- HINDI
- MARATHI

HOBBIES

- BADMINTON
- ESPORTS GAMING
- EXPLORING NEW TECH