

YASH DIWAN

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EDUCATION

VIT BHOPAL UNIVERSITY

Bachelor of Technology
Major in Computer Science
Cumulative GPA: 8.49

Bhopal, MP
Expected July, 2027

SHALOM HILLS INTERNATIONAL SCHOOL

Intermediate (Class 12th): 94% | High School (Class 10th): 92%

Gurgaon, Haryana
Apr 2011 - June 2023

PROJECTS

Sept 2024 – March 2025

Classification model for car safety:

- This project uses machine learning to predict whether a car is unacceptable, acceptable, good, or very good based on its price, maintenance cost, size, capacity, luggage space, and safety features.

Disease Prediction Model:

- Collaborated with peers to design and implement a machine learning model capable of accurately predicting common diseases and disorders, leveraging collective expertise in data analysis and algorithm development.

Brain Tumor Prediction:

- This project classifies images by extracting texture features through a custom Gray Level Co-occurrence Matrix (GLCM) implementation and training a Support Vector Machine (SVM) model to categorize images based on these patterns.

Ongoing Thematic Classification of COVID-19 Research Articles Using Natural Language Processing.

Ongoing Project on PIL Generation using Generative AI

ROLES AND RESPONSIBILITIES

GOOGLE DEVELOPER GROUPS – ON CAMPUS

Core Member in the Event Management and Outreach Team

Bhopal, MP
October 2023 – April 2024

- Managed and organized a college fest event called [Google Olympics](#) on behalf of the [Google Developer Groups – On Campus](#) managing 35 teams.

Team Member – Event Management and Outreach

October 2023 – April 2024

- Collaborated with the team for several online events and webinar.
- Conducted the GDSC's Olympics Event for the techno-cultural fest.

TECHNICAL SKILLS

Programming: C/C++, JAVA, Python

Frontend: HTML5

Database: MySQL

Libraries: Keras, TensorFlow, NumPy, Matplotlib, Scikit Learn, Scipy

Relevant Coursework: Data Structures, Software Engineering; Operating Systems; Algorithms; Artificial Intelligence, Computer Architecture, Machine Learning, Android Development, DBMS

CERTIFICATIONS

December 2024 – February 2025

IBM Machine Learning with Python

IBM Deep Learning and Artificial Neural Networks Using Keras

IBM Deep Learning with Keras and Tensorflow