**YASH DIWAN**

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**EDUCATION**

**VIT BHOPAL UNIVERSITY**  Bhopal, MP

Bachelor of Technology Expected July, 2027

Major in Computer Science

Cumulative GPA: 8.502

**SHALOM HILLS INTERNATIONAL SCHOOL** Gurgaon, Haryana

Intermediate (Class 12th): **94% | High** School (Class 10th): **92%** Apr 2011 - June 2023

**PROJECTS Sept 2024 – March 2025**

[**Classification model for car safety**](https://github.com/yashdiwan12/Classification-for-car-safety)**:** [](https://github.com/yashdiwan12/Car-Acceptability-Classification-)

* 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:** [](https://github.com/BaalNathi/Disease-Prediction)

* 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:** [](https://github.com/yashdiwan12/Brain-Tumor-Detection)

* 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** Bhopal, MP

**Core Member in the Event Management and Outreach Team** October 2023 – April 2024

* Managed and organized a college fest event called [Google Olympics](https://googleolympics.vercel.app/) on behalf of the [Google Developer Groups – On Campus](https://gdg.community.dev/gdg-on-campus-vellore-institute-of-technology-bhopal-india/) 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

**Backend:** Google Firebase authentication, analytics and hosting

**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 [](https://www.coursera.org/account/accomplishments/verify/ZLAQU2ENV9HQ)

IBM Deep Learning and Artificial Neural Networks Using Keras [](https://www.coursera.org/account/accomplishments/verify/EZVK251O3I1F)

### IBM Deep Learning with Keras and Tensorflow [Link](https://www.coursera.org/account/accomplishments/verify/LQVO7W391S0K)