## **OUTPUT SCREENSHOTS**

Q1.

# I am a XYZ 😁

### This is a Short Intro about me

Hello Everyone! My name is XYZ and I like to play chess, cricket, table tennis and many other sports.

If you want to play chess with me -->

My chess profile on "Chess.com"

You can reach out to me on any of the below profiles:

<u>Instagram</u>

<u>LinkedIn</u>

<u>Facebook</u>



#### Naruto

Wanna be Hokage Speciality: Rasengan Expertise: Yapping

Watch



#### **Tanjiro**

Wants to undemon her sister Speciality: Water Breathing Expertise: Sympathizing with opps

Watch



#### Mikasa

Wants to kill Speciality: Ripping off Titans Expertise: Being Badass

Watch



About Education Hobbies Projects Contact Tiyash Dutta



#### **About Me**

Heliot I am a Efect 2nd year student in the Department of Energy Science and Engineering of Eff bomboy, originally from Keltotta. My passion lies in electrical and electronics engineering particularly in Power Electronics. Currently pursuing a minor in Electronic Engineering, Laspire to innovate solutions in energy.

#### Education

My academic journey has taken me across various cities. Notable institutions include:

- Indus Valley World School, Kolkata (Class 6 to Class 10)
- The Somolya School, Mumbai (Class II & 12)

l also attended schools in Bengaluru, Delhi, and Noida, enriching my exposure to diverse learning

#### **Hobbies & Interests**

Apart from academics, I enjoy playing cricket and table tennis, and watching mystery and comedy films. I believe staying active and curious fuels creativity.

#### **Projects**

#### Machine Learning | Learners' Space | Web and Coding Club | IIT Bombay

- Implemented neural networks and regression algorithms; preprocessed images using OpenCV.
  Built a Siamese Network for hacial Verification achieving precision and recall of L0.

#### Control Theory | Learners' Space | Electronics and Robotics Club | IIT Bombay

- Analyzed open and closed feedback systems and state controllability and reachability.
  Simulated a self-batancing bot on MATLAB Simuline, solving inverted pendulum dynamics.

#### Circular Economy & Policies | Learners' Space | Energy Club | IIT Bombay

- Studied circular vs. linear economies, understanding rebound effects.
  tramined energy market trends, policy influences, and global case studies (Australia, Spain).

#### Carbon Capture | Learners' Space | Energy Club | IIT Bombay

- Research on carbon capture, sequestration, and storage technologies.
- Evaluated economic impacts of various carbon removal methods.

#### Al & ML | Summer of Science | Maths & Physics Club | IIT Bombay

- Explored foundations of artificial intelligence and its applications.
- Learnt about concepts like K-NN and Naive Bayes classifiers.

#### Deep Learning | Seasons of Code | Web & Coding Club | IIT Bombay

- · Studied deep learning fundamentals and ANN architectures.
- Built a CNN using transfer learning with 99.98% training accuracy and 68.12% test accuracy.

#### Algoninjas | Coding Ninjas & Web/Coding Club | IIT Bombay

- · Gained insight on DSA concepts like time complexity, sorting, and searching algorithms.
- · Participated in weekly competitive programming contests.

#### **Universal Testing Machine**

Course Project | Guide: Prof. Krishna Jonnalagadda & Prof. D. K. Sharma

- · Designed a machine to measure stress-strain and calculate modulus of elasticity.
- Used Fusion 360 for CAD; manufactured parts via lathe, laser cutting, 3D printing; plotted results using Arduino.

#### **Household Energy Audit**

Course Project | Guide: Prof. Suneet Singh

 Conducted an energy audit on a household, recommending strategies to reduce monthly expenses by 5%.

#### Contact

Feel free to reach out on LinkedIn: Tiyash Dutta