

# Arth Vala

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## Education

### Parul University

Integrated Masters of Computer Applications

CGPA: **8.87 (Final Year)**

Computer Vision, Deep Learning, Machine Learning

Waghodia, Vadodara

2021-2025

### Tree House High School

- Scored **68%** in **SSC (2019)** and improved to **73%** in **HSC (2021)**

Vadodara, Gujarat

2008-2020

## About

- Final-year student specializing in Computer Vision, Deep Learning and Machine Learning.
- Experienced in image processing, object detection, and classification projects.
- Proficient in TensorFlow and OpenCV for designing and optimizing high-accuracy models.

## Projects

### ClassiVision - Train, Predict & Effortless Export

29/11/2024

- Developed **ClassiVision**, a web-based tool for streamlined **image classification** and **segmentation** workflows.
- Enabled users to train, predict, and export machine learning models via an intuitive web interface. Integrated
- advanced image segmentation capabilities with customizable overlays and export options.

### ShapeShift.AI - Transform ideas into 3D Models

24/12/2024

- Created ShapeShift.AI, a web application that transforms **images** and **text** into interactive **3D models**.
- Built a community forum where users can **share**, **view**, and engage with 3D models created by others.
- Designed an intuitive model generation workflow, ensuring smooth, responsive, and mobile-friendly user interactions.

### ACP.AI - Generative AI Platform

23/02/2024

- Built ACP.AI, a Generative AI platform for **image**, **video**, **audio**, **code** and **text** generation.
- Designed and optimized algorithms for **multi-model** content creation.
- Ensured seamless user experience through an intuitive interface.

### Face Recognition System using TensorFlow

05/04/2024

- Developed a Face Recognition System for user **face registration & recognition**.
- Implemented real-time face identification with name display on re-entry.
- Enhanced security and user experience with accurate face recognition algorithms.

### ACDSHOPPING - One Stop Shop

20/10/2023

- Created ACDSHOPPING, an e-commerce platform similar to amazon & Flipkart.
- Enabled users **registration/ login** and **multi category purchases**.
- Focused on providing a seamless shopping experience with user-friendly interface.

## Additional

**Language Skills:** Hindi, English, Gujarati

**Technical Skills:** Computer Vision, Deep Learning, Machine Learning, Web Scraping, Python Programming

**Interests/Hobbies:** Passionate about technology and committed to staying updated with AI advancements. An avid gamer and cricketer with district-level experience, also enjoys playing badminton.



<https://www.linkedin.com/in/arthvala/>



<https://www.github.com/CrewArth/>