

Arth Vala

Integrated Masters of Computer Applications
Artificial Intelligence
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EDUCATION

•Integrated Masters of Computer Applications (Artificial Intelligence)

Parul Institute of Computer Applications, Parul University

2021-25

CGPA: 8.89

PROJECTS

• ShapeShift.AI - Transform ideas into 3D Reality

Nov 24 - Feb 25

A web platform that generates 3D models from text and images using advanced AI.

- Built a web platform to generate 3D models from text and images using AI.
- Enabled model customization and downloads in FBX, OBJ, and GLB formats.
- Integrated a pay-credits system with five free model creations.
- Technology Used: Nextjs, Node.js, TailwindCSS, TypeScript
- Deployed Link: <https://shapeshiftai.vercel.app/>

• Cricket Turf Booking System

Feb 25 - Mar 25

Highly Mobile Optimized web platform allowing players to book turf slot online.

- Built an automated slot booking system handling up to 100 daily reservations with customizable slots.
- Integrated QR-based ticketing, reducing manual check-ins by 60 percent and improving entry efficiency.
- Expanded an admin dashboard enabling real-time slot and turf management within 3 seconds.
- Technology Used: Nextjs, Node.js, TailwindCSS, TypeScript
- Deployed Link: <https://turf106.vercel.app/>

• ClassiVision – Ease Model Training

Oct 24 - Nov 24

Web tool allowing laymans to make a classification model without ML knowledge

- Developed a browser-based AI model training tool supporting datasets of up to 5000 images.
- Integrated real-time accuracy tracking, helping users achieve over 85 percent accuracy.
- Enabled instant export of trained models in Tensorflow and TFLite models.
- Technology Used: Python, Flask, Tensorflow, OpenCV, Streamlit
- Deployed Link: <https://classivision.streamlit.app/>

• Cafe Menu System – QR-Based Food Ordering

Mar 25 - Apr 25

Offline Full Stack Web Software to Order, Manage Food for Cafes

- Designed a mobile-first QR code system, reducing manual menu navigation by 70
- Implemented role-based access control for admins, restaurant owner, and customer.
- Enhanced a real-time menu update system, enabling modifications in under 5 seconds without restarts.
- Technology Used: Nextjs, TypeScript, Nodejs, Socket.io, Tailwind CSS

EXPERIENCE

•Internshala Student Partner

June - July 2024

Internshala

Online

- Promoted Internshala's training programs and internship opportunities, engaging students through social media and offline events.
- Assisted students in exploring career options, providing insights on skill-building courses and increase Awareness on available internships.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, Nextjs, Java, Javascript, HTML+CSS

Libraries : Tensorflow, Django, Flask, OpenCV, FastAPI, Pandas, Scikit-learn

Web Dev Tools: Nodejs, VScode, Github

Cloud/Databases: MongoDB, Firebase, MySQL

Relevant Coursework TensorFlow-Keras Bootcamp, Intel Unnati Industrial Training, Microsoft AI Skill Challenge, OpenCV Bootcamp, Introduction to Artificial Intelligence

Areas of Interest: Artificial Intelligence, Computer Vision, Deep Learning, Python Programming

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability