

# Yash Shah

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## EDUCATION

### Dwarkadas J. Sanghvi College of Engineering,

2021 – present

Btech in Artificial Intelligence And Machine Learning | CGPA: 8.81/10

- Honors in Immersive Technologies (ARVR) from Mumbai University
- HSC : 94.5%    SSC: 89.2%

## PROFESSIONAL EXPERIENCE

### Flutter Developer Intern,

Nov 2023 – Mar 2024

Yatri Car Rental (A Unit of AARSAAR Technologies Private Limited) [🔗](#)

- Engineered mobile applications for driver and user interfaces, specializing in UI design, state management (Riverpod, Provider), and API integration.
- Integrated Firebase for secure user authentication and real-time data management
- Translated and converted Figma designs into screens daily, promptly resolving UI issues.
- Added functionalities, navigation, and made responsive screens.
- Debugged errors and exceptions to maintain optimal application performance.

### Flutter Developer Intern, Silva Stack Solutions [🔗](#)

Jun 2023 – Sep 2023

- Contributed to 3 mobile app projects : Aplify, Mami, and EngineersConnect.
- Aligned UI with Figma designs, debugged errors and exceptions, and implemented additional widgets and features as required.

### Campus Ambassador, Corizo Company [🔗](#)

Jan 2023 – Feb 2023

- Promoted and advertised the company within the campus, reaching over 100 students, raising awareness about courses and training offerings, and successfully attracting participation in 4+ online seminars and webinars.

## PROJECTS

### AI-Driven Road-Sign Detection and Driver Assist (YOLOv8, Google APIs)

- Description: Led the development of a data-driven smart driving aid system focused on enhancing driver safety.
- Analysis Component: Performed precision-recall analysis to evaluate the YOLOv8 model, achieving a 94% accuracy rate in road-sign detection.
- Tools: Utilized Google APIs for real-time language translation and integrated audio alerts for multi-language support.

### Construct Catalyst (OCR, Semantic Analysis)

- Description: Designed a document organization system powered by intelligent categorization.
- Analysis Component: Applied semantic analysis for meaningful document grouping and sorting, and utilized OCR algorithms with 93% accuracy for text extraction and pattern recognition.
- Tools: Integrated advanced data models to identify themes and streamline document searchability.

### Personality Detector (NLP, Python)

- Description: Built an NLP-powered application to assess user personality traits through text analysis.
- Analysis Component: Employed natural language processing techniques to classify personality types into 16 categories, achieving 91% accuracy through data preprocessing and model evaluation.
- Tools: Python with integrated NLP libraries for personality detection based on linguistic patterns.

## SKILLS

**Languages** — HTML, CSS, JavaScript, Python, C, Java, Dart , **SQL**, **Frameworks** — React, Django, Flask, Flutter, **Tools** — Git, GitHub, MLOps , DevOps, CI/CD, Figma , MS Excel , Firebase , AWS , Choreo , Docker, **Soft Skills** — Strong communication, effective presentation skills, excellent teamwork, solid problem-solving, strong leadership, creative thinking, effective time management.

## PUBLICATIONS

### AI Drive Assist: Enhancing Road Safety through Advanced Road Sign Detection and Driver Alerts, *Journal of Science* [🔗](#)

- The paper explores AI technologies for improving road safety with a Precision Recall rate of 94% using YOLO v8 and ResNet-50 CNN

## POSITION OF RESPONSIBILITIES/ EXTRACURRICULAR ACTIVITIES

### HOD Sports, Trinity (College Fest) [🔗](#)

- Secured sponsorships for sports events, managed 15 sports and athletic events with 300+ participants, coordinated venue bookings, crowd management, scheduling, logistics, and led a team of juniors for overall event organization.

### NSS Volunteer [🔗](#)

- Participate in tree restoration and beach cleaning drive

### DIJSCE Football Team, Vice Captain

## COURSES

Flutter&Dart , Supervised Machine Learning , Advanced Learning Algorithms, Udemy , Coursera , Coursera