



YASHRAJSINH RAJPUT

Passport: Y3009180 | **Date of birth:** 19/05/2003 | **Nationality:** Indian | **Phone number:** (+33) 766544696 (Mobile) |

Email address: yashraajput937@gmail.com | **Website:** <https://yeahyash.github.io/Personal-Portfolio/> | **LinkedIn:**

[YASHRAJSINH RAJPUT](#) | **WhatsApp Messenger:** +91 9687564283 |

Address: 3 rue du grand feu, ROUEN, 76100, ROUEN, France (Current Address)

ABOUT ME

Known for a proactive approach, adaptability, and a commitment to continuous learning. Adept at collaborating with cross-functional teams to deliver innovative solutions and exceed expectations.

EDUCATION AND TRAINING

03/2019

10TH GSEB BOARD

05/2021

12TH GSEB BOARD

08/10/2021 – 19/05/2025 Vadodara, India

BACHELORS DEGREE Parul Institute of Engineering and Technology

Address Post Limda, Waghodia, Gujarat, 391760, Vadodara, India | **Website** <https://paruluniversity.ac.in/> | **Level in EQF** EQF level 6

10/02/2025 – CURRENT ROUEN, France

MASTER IN SCIENCES & TECHNOLOGY INGENIERIE LOGICIELLE ET TRANSFORMATION Esigelec

Website <https://www.esigelec.fr/fr> | **Level in EQF** EQF level 7

WORK EXPERIENCE

 **URO COMPUTER WEBSOFT SOLUTIONS – VADODARA, INDIA**

JR JAVA DEVELOPER – 01/08/2024 – 30/11/2024

- Web Application using Java - Adv Java and SQL
- Working on User Interface
- Back-end Coding
- Sotwares- NetBeans with Java

PROJECTS

Celestial Obeject Classification Using Machine Learning

- Conducted a comparative analysis of multiple machine learning algorithms to classify celestial objects (stars, galaxies, nebulae, etc.).
- Preprocessed astronomical data and evaluated models using performance metrics such as accuracy and F1-score.
- Identified the model with the best performance for potential use in automated astronomical data analysis.
- Demonstrated the potential of ML techniques to streamline and accelerate celestial object classification for astronomers and researchers.

Geolocalization Application(Mobile)

- Geolocalization determines an object's geographic location using visual data,It compares unknown images with known images to find matches and infer location
- This project uses different algorithms/approches like Triangulation,SIFT Algorithm,AKAZE Algorithm.
- Triangulation is geometric technique determining location by forming triangles from known points, It further estimates 3D position from multiple 2D images taken from different viewpoints.
- SIFT-Scale-Invariant Feature Transform detects keypoints invariant to scale and rotation, it is widely used for object recognition, image stitching, and tracking.
- Whereas Accelerated-KAZE improves speed while maintaining robustness against scale changes,it also uses nonlinear diffusion filtering for feature detection.

Relief patterns retrieval in 3D objects the topic means retrieving or matching local relief patterns on 3D surfaces (for example- finding patches of similar relief, engraving, tool marks or ornamentation across a database of 3D scans)

- A relief is a local surface variation (raised or carved design), often shallow compared to the overall geometry. Think of it like a texture carved into 3D surfaces, not the whole shape
- Real life example In Forensics there are Fingerprints, shoeprints, or bullet striation marks captured as 3D scans.

SKILLS

Microsoft Word | Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access | Social Media including Facebook , WhatsApp and Twitter | Video Conferencing (Zoom, Teams, Skype, Webex) - Advanced | Organizational and planning skills | Java (IntelliJ IDEA, Eclipse) | SQL | database management systems | Machine Learning: Scikit-learn, TensorFlow, PyTorch, XGBoost | Python (NumPy, Pandas, Matplotlib, Seaborn) | Node.js

LANGUAGE SKILLS

Mother tongue(s): **HINDI**
Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	A2	A2	B1	B1	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

HOBBIES AND INTERESTS

Sports, Video Games, Poetry, Video-Editing, Content Creation