RESUME

Personal Information

Name	:	Mr. Ruturaj Rajesh Patil
Designation	:	Lecturer
Department	:	Information Technology
		Vidya Prasarak Mandal's College of Engineering/Polytechnic,
		College Campus,Thane(W)-400601

Educational Qualification

- ❖ **Mahatma Gandhi Mission's College of Engineering and Technology, Navi Mumbai** (Jan 2021 – July 2023)

  Bachelor of Engineering - Information Technology; GPA: 8.05

  Courses: Internet Programming, Computer Network Security, Blockchain and DLT, Software Engineering, Advance Data Management Technologies, Artificial Intelligence, Ethical Hacking & Digital Forensics, Web X.0, Wireless Technology, Business Intelligence.

- ❖ **Vidya Prasarak Mandal's Polytechnic, Thane** (July 2017 - October 2020)

  Diploma - Information Technology; 85.50%

  Courses: Programming in C, Object Oriented Programming, Digital Techniques, Computer Pheripals & Hardware Maintenance, Microprocessor, Computer Networks, DBMS, Java Programming, Python, Mobile Application Development, Wireless Mobile Networks.

Experience

- ❖ **Vidya Prasarak Mandal's College of Engineering / Polytechnic,** Thane (Sep 2024 - Present)

  Department Of Information Technology (IF).

  Responsibilities – Class Teacher TYIF, ACKVK Coordinator.

- ❖ **Saraswati Institute Of Technology, Kharghar, Navi** Mumbai (May 2024 –Sep 2024)

  Department Of Information Technology (IF).

  Responsibilities – Class Teacher TYIF, TPO Coordinator, Student Grievance Cell Institute Cell Head, NSS IF Department In-charge, Sports Coordinator.

Projects

- ❖ **Sign Language Detection Using Machine Learning**: It aims at building a machine learning model that will be able to classify the various hand gestures used for fingerspelling in sign language. In this user independent model, classification machine learning algorithms are trained using a set of image data and testing is done on a completely different set of data. For the image dataset, depth images are used, which gave better results than some of the previous literatures, owing to the reduced pre-processing time. Various machine learning algorithms are applied on the datasets, including Convolutional Neural Network (CNN). Technologies used – Python, Jupyter Notebook, LabelImg, TensorFlow etc.

- ❖ **Crowdfunding platform using Blockchain**: A crowdfunding platform using blockchain refers to an online fundraising platform that utilizes blockchain technology to facilitate and secure transactions, manage contributions, and maintain transparency in the crowdfunding process. Blockchain is a decentralized and distributed ledger technology that allows multiple parties to have a shared view of a database, ensuring immutability and transparency of data. Technologies used - Remix IDE, Solidity, Etherium, and Smart Contract.

Date : *24/02/2025*

Place: Thane   *Ruturaj R. Patil*