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D Y PATIL
RAMRAO ADIK
INSTITUTE OF
TECHNOLOGY
NAVI MUMBAI

Career Objective: Seeking a challenging and rewarding position that allows me to learn new skills and grow professionally in a dynamic and supportive environment.

ACADEMIC BACKGROUND

BE	May 2024	Sem 8 Yet to appear	Sem 7 Yet to appear	Department of Computer Engineering,	
TE	May 2023	Sem 6 7.11	Sem 5 7.39	Ramrao Adik Institute of Technology,	8.13
SE	May 2022	Sem 4 7.04	Sem 3 9.38	D.Y Patil University	CGPA
FE	May 2021	Sem 2 8.55	Sem 1 9.5		
	Jan 2020	JEE MAINS			91.02%

PROJECTS AND INTERNSHIPS

PROJECTS:
- **Portfolio Website:**
  -> Designed and developed a website using React.js & Bootstrap.
  -> Deployed it on Netlify and used Firebase to store data from the contact form.
  Techstack: React.js, Bootstrap, Firebase, Netlify
- **Sign2Text(Hand-Sign Language Translator):**
  -> Developed and deployed a sign2text machine learning model using YOLOv5 and YOLOv7 frameworks that can recognize and translate 20 hand signs into text in real time with 95% accuracy and 30 fps.
  -> Collected and annotated over 3000 images from various sources using OpenCV and LabelImg tools to train and test the model.
  -> Applied deep convolutional neural networks and transfer learning techniques to optimize the model performance and reduce the training time
  Techstack: Python, Pytorch, OpenCV
- **LIMS(Lab Inventory Management System):**
  -> Designed and developed a lab inventory management system using JavaFX and Java and SQLite database for desktop applications.
  -> Implemented features such as adding, updating, deleting and searching items, generating reports and invoices, and managing user accounts and permissions.
  Techstack: Java, SQL, JavaFX
- **LIMSA(Lab Inventory Management System for Android):**
  -> Extended the lab inventory management system to an Android application using Android Studio
  -> Developed features such as barcode scanning, image uploading, push notifications
  Techstack: Android SDK, Java, SQL

INTERNSHIPS:
- **Summer Trainee at RDSO HQ (Research Design and Standards Organisation Headquarters, LUCKNOW):**
  -> Created a digital hospital management portal that allows patients to book appointments based on staff availability and provides staff with insights into patients' preferences and expectations.
  -> Collected and analyzed patients' data such as medical history, health issues and dietary preferences to offer personalized and improved healthcare services.
  Techstack: Java, SQL, JavaFX

CERTIFICATIONS
- CCNA: Linux Unhatched

POSITION OF REPONSIBILITIES
- **Event Co-Manager** at **ISTE-RAIT (2021-2022)**
- **Management Subordinate** at **HackClub RAIT (2021-2022)**

EXTRA CURRICULAR ACHIEVEMENTS
- 1st position - ACM Debatable

ADDITIONAL INFORMATION
- Preferred Language: Java