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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, Ramrao Adik Institute of Technology, D.Y Patil University	8.13
TE	May 2023	Sem 6 7.11	Sem 5 7.39		
SE	May 2022	Sem 4 7.04	Sem 3 9.38		
FE	May 2021	Sem 2 8.55	Sem 1 9.5		
	Jan 2020	JEE MAINS			91.02%
XIIth	Mar 2020	HSC			56%
Xth	Mar 2018	ICSE			77.8%

PROJECTS AND INTERSHIPS

PROJECTS:

- **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 Labelling 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**

INTERSHIPS:

- **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 RESPONSIBILITIES

- **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