PRATHAM JAIN

Ph no:+919601520311,Email:[pratham.jain29052004@gmail.com](mailto:pratham.jain29052004@gmail.com), Github:[GithubLink](https://github.com/Pratham-Jain273),Linked: [LinkedIn Link](https://www.linkedin.com/in/pratham-jain-930409273/)

# WORK EXPERIENCE

**Internship** – Reliance Industries Limited (I.T. Sector)

## Duration: 29th May 2024 to 25th June 2024

## Optimized contact handling (6,600+ records), reducing redundant calls by 30%.

## Built auto-logging system (↑25% accuracy), cut call handling time by 10%.

## Used analytics tools to improve engagement and customer satisfaction.

# PROJECT

## Facial Recognition-Based Attendance System

Designed and implemented a real-time facial recognition system using OpenCV, TensorFlow, and deep learning models. Achieved 95% accuracy in identifying faces under various lighting conditions.

## American Sign Language (ASL) Recognition System

Developed a real-time ASL recognition system leveraging Random Forest Classifier and feature extraction via MediaPipe. Achieved 90%+ accuracy in detecting and classifying ASL gestures.

Integrated computer vision techniques and NLP, enabling enhanced accessibility for hearing-impaired users.

Optimized performance through data augmentation and hyperparameter tuning, reducing classification latency by 20%.

# SKILLS

* **Programming Languages: Python, C, C++**
* **Web Technologies:** HTML, CSS, JavaScript

## Database Management: MySQL

* **Concepts:** Data Structures, Algorithms, Object-Oriented Programming, Operating Systems
* **Tools & Libraries:** MediaPipe, OpenCV, Scikit-learn, TensorFlow (for machine learning),Pytorch

# EDUCATION

* + Currently pursuing B-tech Computer Science & Engineering (AIML) – 6th Semester(current CGPA:9.5), SRM KTR.
  + Cleared JEE Mains with 90.9%ile Jun-2022
  + 12th Board: 87.4% From Nand Vidya Niketan (CBSE), Jamnagar, Gujarat , India Mar-2022
  + 10th Board: 90.2%, From Nand Vidya Niketan (CBSE), Jamnagar, Gujarat , India Mar-2020

# ACHIEVEMENT

* + - 2nd Position in SRM Hackathon 7.0
    - 100% Scholarship & 58th Rank in SRMJEE

## Certifications:

* + - **Microsoft Certified:** Azure Fundamentals

## Oracle Certified Foundations Associate

* + - **Coursera Certifications:**
      * Database Structures and Management with MySQL
      * Introduction to Front-End Development
      * HTML and CSS in Depth
      * Programming with JavaScript
      * Introduction to Machine Learning
      * Ask Questions to Make Data-Driven Decisions
    - **NPTEL Certificates**
      * Elite Certificate in Introduction to machine learning

# SOFT-SKILLS

# Leadership & Teamwork: Led a team of 4 to win SRM Hackathon 7.0, developing leadership, communication, and problem-solving skills.

# Discipline & Focus: State-Level Karate Fighter, demonstrating commitment, discipline, and mental focus.