PRATHAM JAIN

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WORK EXPERIENCE

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

Duration: 29th May 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

ACHIEVEMENTS AND CERTIFICATIONS

Awards:

- 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.