

PRATHAM JAIN

B-Tech – Computer Science (AIML) Batch: 2022 – 2026

SRM Institute of Science & Technology, Kattankulathur Campus, Chennai, Tamilnadu, India

☎: +919601520311, ✉pratham.jain29052004@gmail.com, Github: <https://github.com/Pratham-Jain273>

GOAL

Aspiring computer science professional with a specialization in Artificial Intelligence, Machine Learning, and Data Science. Passionate about deep learning, computer vision, and natural language processing (NLP). Seeking opportunities to apply data-driven decision-making and predictive modeling to real-world challenges. Aiming to refine technical and analytical skills to contribute effectively to innovative industry solutions.

WORK EXPERIENCE

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

Duration: 29th May to 25th June 2024

Managed 6,600+ contacts, optimizing telephonic interactions and reducing redundant calls by 30%, leading to 15% efficiency gain.

Implemented automated logging system, improving data accuracy by 25%.

Streamlined customer interaction processes, reducing call handling time by 10%.

Utilized data analytics tools to monitor and enhance user engagement, leading to improved customer satisfaction metrics.

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.

Reduced manual attendance errors by 40%, improving efficiency in educational institutions and workplaces.

Deployed using Flask and AWS, ensuring scalability and real-time access.

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)

EDUCATION

• Currently pursuing B-tech Computer Science & Engineering (Data Science) - 6Th Semester, SRM KTR.

• Year - I CGPA: 9.47 SEM-1 SGPA: 9.27 SEM-2 SGPA: 9.67

Year – II CGPA: 9.65 SEM-3 SGPA: 9.7 SEM-4 SGPA: 9.60

• 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
 - HTML and CSS in Depth
 - Foundations: Data, Data Everywhere
 - Introduction to Front-End Development
 - Programming with JavaScript
 - Ask Questions to Make Data-Driven Decisions
 - Introduction to Machine Learning
- **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.

PERSONAL INFORMATION

- **Date of Birth:** May 29, 2004
- **Languages Known:** English, Hindi, Gujarati