

# Jillella Likitha Reddy

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## OBJECTIVE

Enthusiastic and self-motivated engineering student seeking an opportunity to contribute to real-world software development while continuously learning and growing in a dynamic and collaborative environment.

## EDUCATION

| Degree | Specialization                    | Institute             | Year         | CPI  |
|--------|-----------------------------------|-----------------------|--------------|------|
| B.Tech | Computer Science & Engineering    | GNITS                 | 2022-Present | 8.81 |
| TSBIE  | Physics, Chemistry, & Mathematics | Sri Chaitanya College | 2020-2022    | 9.75 |
| SSC    | -                                 | Sri Chaitanya School  | 2019-2020    | 10.0 |

## TECHNICAL SKILLS

- **Languages:** Java,Basics of Python
- **Database:** SQL
- **Web:** HTML,CSS
- **Tools:** Jupiter Notebook,VS Code
- **Certifications:**
  - Machine Learning with Python 2022
  - Computer Networks and Internet Security
  - Business Analytics Using PowerBI
  - Project on HTML CSS - Landing Page Design
- **Courses:**
  - OOPs,DBMS,Computer Networks,Data Structures and Algorithms.

## PROJECTS

- **Personalized Models for Refractive Errors** Feb 2025
  - I developed a predictive model for refractive errors, aiming to personalize predictions for myopia, hyperopia, and presbyopia based on patient-specific factors like age, lifestyle, and genetics.
  - Used available datasets to build a tool that forecasts the progression of vision problems and recommends practical intervention strategies. Applied basic data analysis and machine learning to help in early detection and prevention.
- **Implementation of PCA with ANN for Face Recognition** Mar-July 2024
  - Developed a face recognition model integrating: PCA for feature extraction and dimensionality reduction; LDA for enhanced class separability; ANN (MLP) for high-accuracy classification.
  - Achieved 100 percent test accuracy, with PCA retaining 83.37 percent key facial features in just 5 components.

## POSITIONS OF RESPONSIBILITY

- **Member, Philanto Club** [2024] March 2024
  - Participated in photography events, captured moments from college festivals, and contributed to creative projects and exhibitions.

## EXTRA-CURRICULAR ACHIEVEMENTS/ACTIVITIES

- Participated in the fashion show competition, **showcasing creativity, confidence, and stage presence**,and received a **participation certificate** for contributions to the event.
- Led the school **throwball team, strategizing gameplay, motivating teammates**, and representing the school in inter-branch competitions.