

# Gayathri Devi Chowgoni

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## Objective

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I am a passionate Computer Science and Engineering student with a strong foundation in programming, web development, and machine learning. With hands-on experience in Java, Python, Deep Learning, and full-stack technologies, I have built innovative applications like an intelligent assessment system and a two-way messaging chatbot. Proficient in problem-solving and communication, I excel in collaborative environments and am committed to enhancing user experiences through technology.

## Education

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### Neil Gogte Institute Of Technology

B.E - Computer Science Engineering

2021 – 2025

CGPA: 7.6/10, Hyderabad, Telangana

### FIITJEE Junior College

Intermediate, TSBIE

2019 – 2021

Percentage: 92%, Hyderabad, Telangana

### Sri Chaitanya Techno School

Class 10th, SSC

2018 – 2019

GPA: 9.7/10, Hyderabad, Telangana

## Skills

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**Programming Skills:** Java, JavaScript, C, Python

**Web Designing Tools:** React-JS, Node-JS, Express-JS, HTML, CSS

**Databases:** MySQL, MongoDB

**Version Control:** Git & GitHub

**Additional Skills:** Problem Solving, Data Structures and Algorithms, Object-Oriented Programming (OOP), Machine Learning.

## Projects

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### Intelligent Assessment System

GitHub

- Skills: Python, Deep Learning, Deep Learning, HTML, Flask, MongoDB.
- Developed an intelligent assessment system using deep learning that adjusts the difficulty level of questions based on the student's capability. The system learns from student responses to previous questions and dynamically adapts the difficulty of future questions accordingly

### Two-Way Messaging (Chatbot)

GitHub

- Skills: Python, PyTorch, Natural Language Processing (NLP)
- This chatbot is designed for college use, helping students and staff get quick answers to common questions. It processes user queries and provides relevant responses. Built using Python, it is easy to use and can be improved over time. It serves as a helpful tool for enhancing communication and support in the college.

### Glaucoma Detection

- Skills: Convolutional Neural Networks (CNN), Computer Vision, Python (Programming Language).
- The Glaucoma Detection using CNN project is designed to identify glaucoma from retinal images using deep learning. By leveraging Convolutional Neural Networks (CNNs), the system ensures accurate and early detection.

## Certifications

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- Data Structure and Algorithms using Java (NPTEL) — [Link](#)
- Java Programming(Udemy) — [Link](#)
- Machine Learning Certificate by SkillDzire — [Link](#)

## Soft Skills

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**Communication:** Clear and effective verbal and written communication skills

**Adaptability:** Ability to learn new technologies quickly and adapt to changing requirements

## Personal Profile

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**Hobbies:** Learning New Skills, Playing Chess.