

# Jyothirmayi Manapuram

jyothirmayi0308@gmail.com ✉

9392908680 📞

Hno:5-147, Medara Street, Gajapathinagaram, Vizianagaram 📍

To be an efficacious and a certified software engineer in a progressive organization which enables me to fully utilize my skills, while making a significant and prominent contribution to the success of the organization.

## EDUCATION

### **M.Tech in Computer Science & Technology** Andhra University College of Engineering

2023 - 2025,

8.6 CGPA

### **B.Tech in Computer Science & Engineering** Maharaj Vijayaram Gajapathi Raj College of Engineering

2020 - 2023,

8.08 GPA

### **Diploma in Computer Engineering** Government Polytechnic for Women

2017 - 2020,

87.08%

### **SSC** Government Girls High School

2016 - 2017,

9.3 GPA

## ACADEMIC PROJECTS

#### Book Recommendation System (02/2023 - 05/2023)

- Tools Used: Jupyter Notebook, PyCharm IDE.
- Built a recommender system for books based on ratings using hybrid filtering approach which is a combination of both content based and collaborative filtering techniques.
- Also used Cosine similarity which is an unsupervised learning technique to find the similarity between two books by measuring cosine angle.

#### Automatic Railway Gate Management using IoT (09/2022 - 01/2023)

- Tools Used: Tinkercad.
- Developed and designed circuits with Tinkercad and also tested using it's simulation tool.
- A code was developed for the servomotor which acts as gate to open and close.

## TECHNICAL SKILLS

**Programming Languages:** C, Python, Java

**Web Technologies:** HTML, CSS, Javascript

## ACHIEVEMENTS

-Secured 3rd prize for poster presentation at TECH CRESCITA department day held at MVGR college of engineering.

-Accomplished a NPTEL Elite Certification for successfully completing the course Cloud Computing with 65%

## EXTRACURRICULAR ACTIVITIES

-Participated in IoT project expo held at MVGR College of Engineering

-Volunteered various technical events at college level fests held in MVGR College of Engineering

## CERTIFICATES

PCAP: Programming Essentials in Python  
*provided by Cisco*

CCNAv7: Introduction to Networks  
*provided by Cisco*

## LANGUAGES

English  
*Professional Working Proficiency*

Telugu  
*Native or Bilingual Proficiency*