


SERENA MENDANHA

📞 +91 9515981220 ✉️ serena.mendanha@gmail.com  [LinkedIn](#)

Education

Vellore Institute of Technology AP

Bachelor of Technology in Computer Science

Sept 2021 – Jul 2025

CGPA: 8.24

Loyola Academy Junior College, Hyderabad

Telangana State Board of Intermediate Education, Grade 12

Apr 2019 – Mar 2021

Percentage: 88.8%

Experience

UI Designer

Feb 2023 – July 2023

Mukham, VIT-AP

- Designed and enhanced a mobile app and website for MUKHAM
- Translated complex requirements into user-friendly interfaces.
- Collaborated with cross-functional teams to deliver visually appealing designs.

App & Website Designer

Nov 2021 – Dec 2021

VIT-AP

- Implemented UI/UX best practices for the Vitopia website and app.
- Created an engaging virtual event experience through effective design and technology.
- Received Letter of Recommendation from the Vice Chancellor of VIT for exceptional performance.

Projects

Water Quality Treatment

- Developed a machine learning-based water quality monitoring model.
- Assessed water health and compliance with standards using quality parameters.

Movie Recommendation System

- Assisted in data preprocessing and feature engineering to improve model accuracy.
- Used Streamlit to create a web app for machine learning project.

Smart Gloves For the deaf and mute community

- The smart gloves work by detecting hand gestures and translating them into spoken words or text messages, which are displayed on the LCD display.
- Contributed to data collection and preprocessing for a wearable device translating sign language into text or speech.

Positions of Responsibility

- Business Development Executive Intern-AIESEC AMRAVATI
- President-YOUTH EMPOWERMMENT AND SKILLS, VIT-AP
- Executive Secretary-CSI VITAP CHAPTER, VIT-AP
- Community Manager-CSI VITAP CHAPTER, VIT-AP

Skills

Programming Languages and Tools: Python (Intermediate), SQL (MySQL, PostgreSQL), MS Excel, HTML, CSS, Figma

Data Science and Machine Learning: Artificial Intelligence (AI), Machine Learning (ML), Data Preprocessing & Feature Engineering, Tableau-**Python Libraries:** NumPy, Pandas, Scikit-Learn, Matplotlib, Seaborn

Other Skills: Problem-Solving, Adaptability, Time Management, Critical Thinking, Creativity, Collaboration, Emotional Intelligence, Attention to Detail, Project Management.

Achievements

- Silver Medallist, National Montfort Games – Basketball & Throwball, Multiple Interschool Basketball Medals
- First Prize - Floral Rangoli Competition at VIT-AP
- 3rd Place - IIEC Business Ideathon at VIT-AP
- 3rd Place- Designathon conducted by GeekforGeeks
- 3rd Place- VGLAM Designers Fashion show

Languages

English (Fully Fluent), **Hindi** (Fully Fluent), **Konkani** (Partially Fluent), **Tamil** (Partially Fluent), **Telugu** (Fully Fluent)