

# SNEHALATHA REDDY YR

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## EDUCATION

**Atria Institute of technology, Bengaluru**

Bachelor of Engineering in Computer Science and Design Engineering (GPA : 7.63)

**Bangalore, India**

**2021 - present**

**12th Standard, Karnataka State Board**

Venkatadri Independent PU College, Chinthamani (percentage marks: 86)

**Bangalore, India**

**2019 - 2021**

## SKILLS

- **Technical Skills:** Java, MySQL, JavaScript, AngularJS, HTML, CSS, Python
- **Soft Skills:** Communication skills, Effective planning, Quick learner, Creativity, Problem-solving skills, Hard Worker, Leadership Quality.

## CERTIFICATIONS

- **Java Foundation** – Completed and obtained certification on Java Foundation from Infosys Springboard
- **Front end development foundation** - Completed and obtained certification on Front End Development Foundation from Infosys Springboard

## PROJECTS

- **WASTE CLASSIFIER** June 2024  
This automated waste classifier system aims to improve the efficiency and accuracy of waste sorting, reducing the burden on manual processes and contributing to environmental sustainability. By automating the classification of waste, the system supports better recycling practices and helps mitigate the environmental impact of waste disposal. The integration of **OpenCV**, **TensorFlow**, and **CVZone** in this project demonstrates the potential of combining computer vision and machine learning technologies to address critical challenges in waste management.
- **E-COMMERCE SHOPPING CART WEB APP** Aug 2024  
Developed a frontend e-commerce web app using **HTML**, **CSS**, and **JavaScript**. Implemented dynamic product listing, shopping cart management, and real-time cart updates with data persistence via localStorage. Utilized DOM manipulation and event handling for interactive cart operations and checkout display. Focused entirely on client-side functionality to strengthen core web development skills.

## EXPERIENCE

- Completed an inter college entrepreneur internship which involved conducting business and industry analysis and developing detailed business plans. Emphasis was placed on prototyping design, allowing for hands-on experience in creating and refining business concepts. This experience offered a thorough understanding of startup dynamics and strategic business management.
- Volunteered at Avisa Charitable Trust as a part of AICTE Activity.

## EXTRACURRICULAR ACTIVITIES

- **Cultural Activity:**
  - Participated in Dance at School Level, Author at School Level.
- **Community Service:**
  - Led a rally to raise awareness regarding plastic prevention and distributed handmade paper bags to the shops in locality.
  - Conducted educational session for school students, focusing on effective communication, appropriate behavior, and ethical conduct.

## LANGUAGES KNOWN

- English, Telugu and Kannada