MANASA M S

manasamce.com — +91 6362079701 GitHub
— LinkedIn

Profile
Summary

A motivated and detail-oriented CSE student with strong programming fundamentals, skilled in C, Python, Java, HTML, CSS, and JavaScript. I have a solid grasp of software development concepts and enjoy creating responsive, efficient, and user-friendly web applications. Known for analytical thinking, clear communication, teamwork, and problem-solving, I continuously learn and explore emerging fields like Artificial Intelligence, Data Science, and Full-Stack Development.

Education

Malnad College of Engineering, Hassan **2023–2027**
Bachelor of Engineering in Computer Science and Engineering **– 9.20 cgpa**

Govt Boys Junior College, Tiptur **2023**
Pre-University (Science) – **91.67%**

Govt Girls High School, Tiptur **2021**
SSLC – **93.77%**

Technical Skills

Languages: Python, JavaScript, HTML, CSS, C, Java (Basics)
Core CS Concepts: DBMS, Operating Systems, Data Structures, Data Communication, OOPs,LINUX
Tools & Platforms: GitHub, Figma, Visual Studio Code, MS Office, Scratch,Scrum
Soft Skills: Communication, Teamwork, Adaptability, Analytical Thinking

Projects

1. Formal Verification to Improve Software Safety

This project focuses on using *formal verification techniques* to ensure that software behaves correctly and safely. It involves applying mathematical methods to check whether a system meets its specifications without errors.The goal is to detect faults early, increase reliability, and prevent risky software failures in critical systems such as aviation, healthcare, or automotive applications.

2. MS Icecream Website Interface (Figma)

This is a modern and visually appealing website interface designed using Figma for an ice-cream store. The project involves creating interactive UI layouts, navigation flow, color themes, and responsive elements. It focuses on delivering a clean, user-friendly design suitable for showcasing products, offers, and ordering options.

3. Smart Dustbin Using Ultrasonic Sensor

This hardware project uses an ultrasonic sensor to detect when someone approaches the dustbin. When motion or proximity is detected, the lid opens automatically, enabling touch-free waste disposal. It promotes hygiene, reduces contamination risks, and is useful in public spaces, hospitals, and homes.

Achievements

- Secured distinction throughout academics with consistent performance above 90%.
- Successfully completed innovative academic and personal projects demonstrating creativity and technical skills.
- Recognized for teamwork and leadership in college-level coding and design events.

Additional Information

Languages Known: Kannada,English
Areas of Interest: Web Development, UI/UX Design, Artificial Intelligence, Data Analytics
Hobbies: Reading Books, Listening to Music