

B.YASWANTH SIMHA REDDY



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yaswnath simha reddy

ABOUT ME

Motivated and skilled Computer Science student at Cambridge Institute of Technology, with expertise in Python, C, and Java programming. Proficient in Machine Learning, Data Science, and Excel, Flutter, Internet of things with strong problem-solving abilities. Developed projects like Email Spam Classifier ,Where Am I, AIOT based monkey detection and deterrent, split bill payment app utilizing Python ,Machine Learning, flutter and IOT. Completed internships at Shadow Fox (Data Science) and Samsung Innovation Campus (Python).Samsung Innovation Campus (IOT), Passionate about software engineering, with a keen interest in frontend development and building innovative solutions. Seeking opportunities to apply and enhance technical skills in real-world applications.

EDUCATION

2022 - 2026

Cambridge institute of technology North Campus

BE , Computer science and engineering

Bengaluru,india

EXPERIENCE

2024 sep -2024 oct

Student intern

shadow fox

- Worked on machine learning using Python.
- Gained experience on machine learning projects.

2024 feb - 2024 april

Student Trainee

Samsung innovation
campus

- Gained in-depth knowledge of Python programming, including core concepts and advanced techniques.
- Learned best practices in software development, debugging, and optimizing Python code.

2024 nov - 2025 mar

Student Trainee

Samsung innovation
campus

- Gained in-depth knowledge of Internet of Things, including core concepts and advanced techniques.
- Learned best practices in software development, hardware debugging, and optimizing knowledge of product based IOT projects.

PROJECTS

Split Bill Payment App for Restaurant

Nov 2024- Dec2024

The Split Bill Payment App is a Flutter-based mobile application designed to simplify bill splitting in restaurants. It enables groups to divide expenses fairly, ensuring hassle-free payments without manual calculations. The app supports equal or custom splits, tracks individual contributions, and can integrate with digital payment methods for seamless transactions..

AI Based Time Table Generator

june2024- july2024

The AI-Based Timetable Generator is a Python-powered web application designed to help users efficiently manage their time by creating an optimized schedule. Users can input tasks, specify their duration, and assign priority levels. The system then generates a structured timetable that maximizes productivity.

AIoT-Based Monkey Detection and Deterrent feb 2025- mar 2025

An AIoT-Based Monkey Detection and Deterrent system is an innovative solution designed to detect the presence of monkeys in restricted or human-populated areas and deter them effectively. This system integrates Artificial Intelligence (AI) with Internet of Things (IoT) to provide real-time monitoring and automated deterrence mechanisms.

SKILLS

- Python
- Machine learning
- C
- java
- HTML
- Css
- Problem Solving
- Data Science
- Internet of Things
- Artificial Intelligence