ANANYA.U
Address: #20,1st stage, 2nd phase, Manjunath Nagar
Rajajinagar, Bengaluru, Karnataka - 560010
Mobile no: +918618989199
Email ID: uananya324@gmail.com / anu23csds@cmrit.ac.in
LinkedIn: https://www.linkedin.com/in/ananya-u-34205530a
Leetcode: https://leetcode.com/u/anuanya_u/

CARRER OBJECTIVES

To kick-start my career in IT domain by contributing to a dynamic organization where I can apply my skills and continuously learn. Eager to take on new challenges and grow both professionally and personally. I aim to contribute my skills, dedication, and eagerness to learn towards achieving the company's goals and success. In return, I look forward to gaining valuable experience, professional growth, and opportunities to enhance my abilities.

EDUCATION QUALIFICATION

- **Bachelor Of Engineering - Computer Science and Data Science**
  CMR Institute of Technology, Bengaluru
  8.9, 2027(PURSUING)
- **Pre-University Course-Science**
  MES ACS PU College, Bengaluru
  94.16, 2023
- **SSLC**
  G E KAY Convent High School, Bengaluru
  94.56, 2021

TECHNICAL SKILLS

- **Programming Languages:** C, Python
- **Web Technologies:** HTML, CSS, JavaScript (basics)
- **Databases:** MySQL
- **Tools & Platforms:** GitHub, VS Code

PROJECTS

- **Education Portal**
  - Developed an AI-powered web application providing personalized learning assistance for subjects like DSA, OS, and English Grammar.
  - Integrated Google Gemini Generative AI API for dynamic, topic-specific content generation.
  - Implemented Python backend with HTML, CSS, and JavaScript frontend.
  - Designed responsive, interactive UI modules such as search, login, course browsing, and quizzes.
  - Built SQLite database for user registration and authentication.
  - Ensured accessibility and real-time interaction through API-based content delivery.
  - **Tech Stack:** Python, Flask, Google Gemini API, HTML, CSS, JavaScript, SQLite,.
- **Heart Disease Prediction**
  - Implemented a machine learning model to predict heart disease using Logistic Regression.
  - Conducted data preprocessing, feature selection, and model evaluation for accuracy improvement.
  - Utilized Pandas**,** NumPy, and Scikit-learn for data handling and predictive analytics.
  - Integrated CSV data for patient information and trained on labeled datasets.
  - Deployed model for predicting new patient outcomes via input features.
  - **Tech Stack:** Python, Scikit-learn, Pandas, NumPy, Jupyter Notebook.
- **Home Automation Relay Control System**

- Designed and implemented an IoT-based home automation system using the ESP32 microcontroller and a 4-channel Relay Module to remotely control household appliances.
- Developed firmware in C via Arduino IDE using the Arduino Core for ESP32, enabling real-time device control and feedback.
- Integrated the Blynk IoT platform to provide a mobile application interface for remote operation and monitoring of appliances.
- Configured Wi-Fi connectivity to allow cloud communication between the Blynk app and ESP32.
- Enhanced energy efficiency and convenience by enabling real-time automation, scheduling, and status monitoring.
- **Tech Stack:** ESP32, C/C++ (Arduino), Arduino IDE, Blynk IoT Platform, Wi-Fi, Relay Module, Mobile App (Blynk).

CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES

- **Online Courses & Certifications**
  - Completed a course on topic :Analysis and Design of Algorithms from Coursera
  - Completed a course on topic Data structures
  - Completed a course on topic Python for Beginners from Udemy
  - Completed a course on topic Programming in C for Beginners from Udemy
- **Technical Club Activities**
  - Actively participated in the Geeks for Geeks Club at CMRIT
- **Hackathons**
  - Participated in Smart India Hackathon organized by Government of India, 2025
- **Non-Technical Club Activities**
  - Participated in AISIRI Flash-Mob organized by Samskrutika Kannada Sangha in CMRIT

PERSONAL DETAILS

Date of Birth	: 09/08/2005
Gender	: Female
Nationality	: Indian
Languages Competencies	: English, Kannada,Hindi
Hobbies	: Drawing, Dance