RETIHA C

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CAREER OBJECTIVE

Enthusiastic second-year engineering student with a strong interest in [Computer Science]. Seeking opportunities to enhance my technical knowledge and practical skills through internships, projects, and research, with the goal of contributing to impactful innovations in the field.

TECHNICAL SKILLS

1. Programming Languages (e.g., Python, C++, Java, JavaScript)
2. Data Structures and Algorithms
3. Web Development (HTML, CSS, React.js)
4. Database Management (SQL, MongoDB)
5. Version Control (Git/GitHub)

AREA OF INTEREST

1. Web Development and Design
2. Mobile App Development
3. Software Development
4. Artificial Intelligence and Machine Learning

POSITIVE

I am a self-motivated and adaptable individual with strong problem-solving skills and attention to detail. I thrive in both independent and collaborative settings, with effective communication and a passion for innovation. Committed to continuous learning, I aim to enhance my technical and analytical skills to contribute meaningfully to projects and opportunities.

NEGATIVE

I believe in continuous improvement and recognize areas for growth. I tend to overanalyze decisions and focus too much on perfection, but I am learning to balance efficiency and quality. Additionally, I am working on improving my public speaking skills through group discussions and presentations, viewing these challenges as opportunities for growth."

PROJECTS

PROJECT TITLE:

1. Professional portfolio:

The **Professional Portfolio** project is a personal website designed to showcase an individual's skills, experiences, and accomplishments in a visually appealing and organized manner. It typically includes sections like an about me, resume, projects, contact information, and sometimes a blog. This portfolio serves as a digital resume and helps make a strong first impression on recruiters, clients, or collaborators. It is often built using web development technologies like HTML, CSS, JavaScript, and frameworks such as React.

2. Object detection (using open CV)

Object Detection using OpenCV is a technique used to identify and locate objects within an image or a video. It works by analyzing visual data and detecting specific patterns or features that match predefined models. OpenCV provides tools like Haar Cascades and pre-trained deep learning models to make this process efficient. The goal is to draw bounding boxes around the detected objects and label them accordingly. This technique is widely used in areas such as security surveillance, autonomous vehicles, and smart applications.

3. Grading System

Grading System is a method used to evaluate and classify students' academic performance based on set criteria. It converts marks or scores into letter grades (like A, B, C) or grade points (like 4.0, 3.0) according to a predefined scale. The system helps in standardizing assessment across subjects and institutions, making it easier to interpret performance. Grading can be absolute (fixed scale) or relative (based on overall performance of the class), and is often used in schools, colleges, and competitive exams.

4. Grad link

An **Alumni Portal** is an online platform designed to connect former students of an institution, allowing them to stay engaged with their alma mater and fellow alumni. It serves as a community hub where alumni can share updates, participate in events, and offer career advice or mentorship. The portal also helps the institution maintain long-term relationships with graduates, providing opportunities for networking, career growth, and giving back through donations or volunteering. It fosters a sense of belonging and pride among alumni while supporting the institution's ongoing success.

EDUCATION:

1. HSLC-Vijayalakshmi Matric higher secondary school
2. UG-B.E COMPUTER SCIENCE ENGEERING-Sri Shakthi Institute of Engineering and Technology