

# SHARMILA B

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🔗 <https://leetcode.com/u/22cs088/>

## Education

### Nandha Engineering College - Department of Computer Science and Engineering

Current CGPA : 8.7	2022– present   Erode
12th - GGHSS-BHAVANI Percentage 79%	2021 – 2022   Erode
10th - GGHSS-BHAVANI Percentage 76%	2019 – 2020   Erode

## Technical Skills

<b>Programming Languages:</b> Python, C(Basic), Java (Basic)	<b>Web Development:</b> HTML, CSS, JavaScript (Basic)	<b>Frameworks:</b> Numpy, Pandas, Matplotlib
<b>DataBase Management:</b> MySQL	<b>Developer Tools:</b> GitHub, VS Code, Canva, Figma, Jupyter notebook, Excel	

## Projects

### LANGUAGE FUSION SYSTEM - TEAM MEMBER (ONGOING)

We developing a web application integrating generative AI to teach students through animations, helping them improve their LSRW (Listening, Speaking, Reading, Writing) skills. The platform includes a ranking system to track progress and offers comprehensive learning materials and tests. Using Power BI, we can predict each student's strengths and weaknesses in LSRW skills. If a student is weak in any area, the AI provides personalized guidance on how to improve. Additionally, for speaking skills, students can interact directly with the AI to enhance their proficiency.

### VISION X - TEAM MEMBER

A Online Vision X is a real-time object detection and tracking tool using YOLOv8. It works with webcams and videos, showing object counts, frame rates, and categories. Users can customize settings to track specific objects. This project is useful for traffic monitoring, security surveillance, retail tracking, wildlife observation, sports analysis, industrial automation, and crowd management.

### 3 IN 1 ROBOT CAR - TEAM MEMBER

The "3-in-1 Robot Car" is an innovative IoT project to offer three distinct control modes: Bluetooth-based remote control, gesture control using a smartphone's accelerometer, and voice command control via a dedicated application. It is an excellent tool for remote surveillance, hazardous environment navigation, and industrial inspection.

## Milestones in Learning and Innovation

<ul style="list-style-type: none"><li>• Angular Web Developer Certification (67.5%)</li><li>• UI/UX Design Internship (CodSoft)</li><li>• Artificial Intelligence Foundation Certification (85%)</li><li>• Data Analytics Course Completion (NoviTech)</li><li>• Paper Presentation - Security Technologies (First Prize)</li><li>• Digital Skills:UX (Accenture)</li><li>• Agile Kanban Certification (83.67%)</li><li>• Applied Generative AI Certification (Infosys Springboard)</li></ul>	<ul style="list-style-type: none"><li>• Internship : Data Analytics (Postulate Info Tech)</li><li>• Cyber Security Fundamentals Certification (Infosys Springboard)</li><li>• AI Primer Certification (Infosys Springboard)</li><li>• Paper Quest - VISION - X (First Prize)</li><li>• 3 in 1 Robot Car - Project (Third Prize)</li></ul>
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