

S. Ishwarya

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Profile

I am a dedicated student with a CGPA of **9.44**, known for simplifying complex topics and solving over **190 problems** on CodeChef, showcasing strong problem-solving skills. As the **student coordinator** of my college's programming club, I promote teamwork and lead educational sessions on Scratch and Python.

Professional Experience

Project Intern

03/2022 – 06/2022 | Chennai

I contributed to the design and development of the 'SIM Project Payment System,' improving my skills in software design, programming, requirement analysis, and database design using Java.

Education

B. E (CSE), KCG College of Technology

2022 – present | Karapakkam

Skills

C Language	● ● ● ● ●	Python	● ● ● ● ●
Competitive coding	● ● ● ● ●	Data Structures and Algorithms	● ● ● ● ●
AI/ML	● ● ● ● ●	MySQL	● ● ● ● ●
Time Management	● ● ● ● ●	Leadership	● ● ● ● ●

Languages

English	● ● ● ● ●	Tamil	● ● ● ● ●
I completed the Linguaskill exam conducted by Cambridge Assessment English and achieved a B2 level in English proficiency.			

Projects

● Medical Image diagnosis and personalized recommendation

- **AI Diagnosis:** Uses CNNs for accurate analysis of medical images, achieving over 90% accuracy in diagnosis.
- **Visualization:** Implements Grad-CAM for clear interpretation of results.
- **Personalized Care:** Provides tailored treatment recommendations based on patient data, enhancing overall patient outcomes.

● Smart Traffic System

- **Traffic Optimization:** Controls traffic signals based on real-time vehicle counts and emergency status to reduce congestion.
- **Dynamic Management:** Prioritizes busy roads and emergency vehicles, improving traffic flow and safety.
- **Data-Driven Insights:** Utilizes vehicle detection technology for efficient traffic management and informed decision-making.