

# SWOT Analysis :-

## # Strengths :

- ⇒ Interest in learning new technologies.
- ⇒ Quick learner with logical thinking.
- ⇒ Curious to solve problems through coding.

## # Weaknesses :

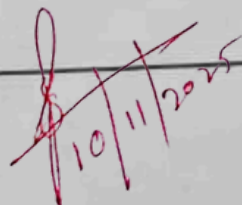
- ⇒ New to programming concepts.
- ⇒ Need more practice to write error-free code.

## # Opportunities :

- ⇒ College computer labs and coding clubs.
- ⇒ Free coding platforms like Hacker Rank, Codechef, and W3schools.
- ⇒ Guidance from teachers and online courses.

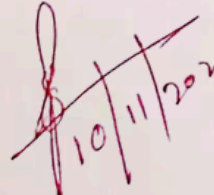
## # Threats :

- ⇒ Rapid changes in technology.
- ⇒ Less time for regular practice due to academic work.

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## Smart Goal :

- ⇒ Specific : Learn the basics of programming in C and Python, focusing on data structures and algorithms.
- ⇒ Measurable : Solve at least 100 coding problems on platforms like LeetCode or Hacker Rank.
- ⇒ Achievable : Spend 1 hour daily practicing and revising concepts through tutorials and exercises.
- ⇒ Relevant : Builds a strong foundation for future software development and placement interviews.
- ⇒ Time bound : Complete the target within 4 months

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# ARVIND R

IT - AR/VR | AllianceUniversity

■ ravindBTECH25@stu.alliance.edu.in | ■ 9916772309

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## About Me

I am an enthusiastic Information Technology student specializing in Augmented and Virtual Reality. I am passionate about exploring innovative technologies and building practical systems. I possess strong problem-solving and decision-making abilities, and I am motivated to contribute to impactful projects.

## Project

### Smart Socket with PIR Sensor

Currently developing a smart socket that uses a Passive Infrared (PIR) sensor to detect idle appliances and automatically cut power to save electricity and prevent energy waste.

## Skills

Programming Languages	Java, C++, HTML
Tools	MS Excel, Tally
Core Skills	Prompt Engineering, Problem Solving, Decision Making

## Achievements & Certifications

- Karate National Level Champion
- Certified in Tally
- Certified in Prompt Engineering