

# RAHUL R

## SOFTWARE DEVELOPER

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### PROFILE SUMMARY

Dedicated and detail-oriented Computer Science student with a solid foundation in software development, object-oriented programming (OOP), and database management. Skilled in Python, C, C++, Java, and MySQL, with proven strengths in problem-solving, decision-making, and project leadership. Experienced in developing innovative projects such as a hand-gesture-based cursor interface, Jarvis – The Campus Buddy, and a drowsiness and gaze detection system, demonstrating analytical and coding proficiency. Recognized for excellence in debugging competitions (3rd place in 2024, 2nd place in 2025). Eager to apply technical expertise and creativity as a Software Developer in a growth-oriented organization.

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### EDUCATION

- Master of Science in Computer Science - 75.5% ( till 2nd SEM)
  - Vidyasagar College of Arts and Science, Bharathiar University | 2024 – 2026 (Expected)
- Bachelor of Science in Computer Science - 81%
  - Vidyasagar College of Arts and Science, Bharathiar University | 2021 – 2024

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### EXPERIENCE

- R2C Technologies - Internship
  - Technology Trainer | June 2025 – Present
    - Conducting training sessions on programming and robotic fundamentals and assisting students in coding and robotic projects.
  - Intern Trainee | Jan 2025 – May 2025
    - Supported live projects, assisted in debugging, and contributed to internal tool development.
  - Student Intern | Nov 2024 – Dec 2024
    - Gained exposure to software development life cycle and hands-on coding practices.

## SKILLS

- **Technical Skills:** Python, C, C++, Java, C#, MySQL, PHP
  - **Soft Skills:** Communication, Team Work, Logical Thinking, Decision Making, Problem Solving, Adaptability, Flexibility .
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## PROJECTS

- Robust Cursor Interface Based on Hand Gestures
  - Developed a system to control the computer cursor using hand gestures instead of a physical mouse.
- Jarvis – The Campus Buddy
  - Built an AI chatbot designed to assist students and automate common campus queries.
- Drowsiness and Gaze Detection System
  - Created a driver-monitoring system that detects drowsiness and gaze direction to improve road safety.
- SegcryptX
  - Implemented a secure data encryption and decryption tool using custom algorithms to enhance data security.

## ACHIEVEMENTS

- Secured 3rd place in Debugging Competition at Miracle 2024, AJK College of Arts and Science (National Level Inter-Collegiate Cultural Fest).
  - Published a research paper titled “A Study on Quantum Computing and Its Applications” at the International Conference on Recent Trends in Computer Science, Technology, Data Science, and Applications (ICRTCTDA 2025).
  - Secured 2nd place in Debugging Competition at Cyber Nexus 2025, Sri Ramakrishna College of Arts and Science.
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**LANGUAGES :** Tamil, English.