

SUBHIKSHA R

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CAREER OBJECTIVE

Engineering student with hands-on experience in programming and project development. Actively learning new technologies and building real-world applications through academic projects. Skilled in problem-solving, logic building, and collaborative teamwork, with a strong interest in contributing to dynamic IT environments.

EDUCATION

- **Bachelor of Technology** **CGPA: 9 (till 6th semester)**
Sri Manakula Vinayagar Engineering College
Department of Instrumentation and Control Engineering
- **HSC** - Immaculate Heart of Mary Girls Higher Secondary School **73.33%**
- **SSLC** - Immaculate Heart of Mary Girls Higher Secondary School **77%**

PROJECT

JAVA - CONSOLE BASED QUIZ APPLICATION [2023-2024]

- Developed a **Java**- based quiz application that handles user input, validates answers, and calculates scores using conditionals and the Scanner class, demonstrating clean code and logical flow.

JAVA - CONSOLE BASED STUDENT MANAGEMENT SYSTEM [2024-2025]

- Developed a **Java**- based student management system using arrays and Scanner to perform add, view, search, and delete operations through a menu-driven interface with control flow and input validation.

TRAFFIC LIGHT CONTROL SYSTEM [2024-2025]

- Developed a smart traffic light system using Arduino, ultrasonic sensor, LEDs, and buzzer to control signals based on vehicle distance. Implemented sensor-based timing logic to reduce wait time and improve traffic flow.

TECHNICAL SKILLS

- Programming Languages : C, JAVA,
- Web Technologies : HTML, CSS
- Software tools : Visual studio code, GitHub

PARTICIPATION AND ACHIEVEMENTS

- Call for paper event at Techstra 24- Dr.M.G.R University.
- Shortlisted in a National Level Techno Symposium at Anna University.
- Selected as one of the top 250 ideas at All India Women Only Start-a-thon.
- Participated in Smart India Hackathon inter college level.

CERTIFICATIONS

- Simplilearn : Introduction to Java
- Codered : Programming in C
- Ui Path : RPA starter course