

# KRISHNARAJ R

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## ABOUT ME

Passionate about software development and IT solutions, I am a highly motivated and results-driven Electronics and Communication Engineering graduate with a stellar academic record. Competent in various programming languages, including C, SQL, and Java, I am currently developing my front-end web programming abilities while maintaining a strong foundation in the fundamentals and a dedication to lifelong learning. With strong debugging and problem-solving skills, I am eager to learn from seasoned experts, lead creative solutions that support the organization in achieving its commercial and technological objectives, and contribute to a vibrant IT team.

## EDUCATION

<b>Sri Mankula Vinayagar Engineering College</b> , Madagadipet, Puducherry <i>Bachelor of Technology (Electronics and Communication Engineering),</i> CGPA: 8.66	May 2024
<b>ARLM Matriculation Higher Secondary School</b> , Cuddalore <i>Higher Secondary Certificate (HSC), 83.67%</i>	April 2020
<b>Sri Vidya Kala Kendram Matriculation High School</b> , Cuddalore <i>Secondary School Leaving Certificate (SSLC), 91.8%</i>	April 2018

## SKILLS & INTERESTS

*Programming Languages:* JAVA, C, SQL  
*Web development:* Front-end Web development (Basics)  
*Vision control:* Git and GitHub  
*General Skills:* Problem Solving, Adaptability, Self-Motivated, Team Player.

## PROJECTS

### Mini Project: Temperature Controller DC Fan

- Developed an efficient cooling solution that automatically adjusts the fan speed based on the surrounding temperature, ensuring optimal performance and energy savings.
- Utilized an ATmega microcontroller to control the fan, a DC fan, a motor driver, and a temperature sensor (LM35) for accurate temperature measurement and control.

### Implementation of Microstrip Patch Antenna for Medical Application

- Designed a compact Microstrip patch Antenna tailored for medical applications, providing innovative solutions to enhance medical technology.
- The Antenna design facilitates the collection of precise data, which can be effectively used for telemedicine, improving remote medical diagnostics and patient monitoring.

## CERTIFICATIONS

- Cisco Certified* - Programming Essentials in C
- NPTEL* - Java course completion Certificate
- NPTEL* - Database Management System Certificate