DEEKSHITH L R

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**CAREER OBJECTIVE**

Aspiring individual seeking opportunities where I can utilize my academic knowledge and hands-on experience gained through projects to make meaningful contributions and grow professionally.

# EDUCATION

**B.E in Electronics and Communication Engineering.**

Adichunchanagiri Institute of Technology • Chikkamagaluru • 2024 • 6.8 CGPA

**Grade 12**

BGS PU College • Chikkamagaluru • 2020 • Science (PCMB) •68.5 %

**Grade 10**

Sri Adichunchanagiri High School • Chikkamagaluru • 2018 • 68.8 %

# SKILLS

* Programming Languages : C, Python, Data Structure
* Database : MySQL
* Technologies : Microcontroller, Embedded system, IoT
* Software Tools : MATLAB, Cubesuite + IDE, Xilinix ISE, PyCharm
* Hardware : Microcontrollers (8051, PIC), Renesas RL 78, Arduino, Raspberry Pi
* Embedded Controllers : Hands-on working with GPIO's, Analog I/O's, Memory usage, Interfacing
* Soft skills : Excellent communication and teamwork abilities, Strong problem Solving skills.

**PROJECTS**

1. **Arduino Obstacle Avoiding, Voice Control and Bluetooth Control Robot**

Developed obstacle avoiding robot using Arduino and various sensors that responds to voice commands and Implemented communication using Bluetooth and a mobile app for remote control.

1. **Intelligent Traffic Management System**

# Created a model that gives preference to the emergency vehicles and clears the traffic based on density using various sensors and detection of stolen vehicles using GSM

# INTERNSHIPS

# EMERTXE, Bengaluru [From Aug 2023 to Oct 2023]

# Enhanced my skills in C Programming, learned about the interfacing of PIC Microcontroller, enhanced my knowledge in Embedded System and built a project named Microwave Oven Simulation.

# LOGINWARE GLOBAL LEARNING, Hassan [From Feb 2024 to Mar 2024]

# Interfacing of Raspberry Pi with its peripherals, learned about Database MySQL and by using python programming developed a project named Smart parking system.

# CERTIFICATES

# International Journal of All Research Education & Scientific Methods [IJARESM] for the paper Intelligent Traffic Management System, Certificate Id: IJ-2404240428.