

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 • 76.8 %

SKILLS

- Programming Languages : C, Python, Data Structure
- Database : MySQL
- Technologies : Microcontroller, Embedded system, IoT
- Software Tools : MATLAB, Cubesuite + IDE, Xilinx 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.

2. 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

INTERSHIPS

1. 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.

2. 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.