

BHARATH KUMAR S

Email: bharathkumars7374@gmail.com

Mobile: 8220198933

CAREER OBJECTIVE

To begin my career as an Electronics and Communication Engineer specializing in Embedded Systems. Leverage academic background and practical skills in microcontroller programming, communication protocols, and hardware design to develop innovative solutions. Aim to contribute to challenging projects in a dynamic environment while expanding my expertise.

TECHNICAL SKILLS

- ❖ Programming: C, C++
- ❖ Microcontrollers: EC8051, LPC2129
- ❖ Communication Protocols: UART, TCP/IP
- ❖ Software Tools: Arduino IDE, Microsoft Excel

ACADEMIC PROFILE

- ❖ **Jeppiaar Engineering College**
B.E. in Electronics and Communication Engineering | **82%** | 2023
- ❖ **VS Matric. HR. Sec. School**
Higher Secondary (12th) | **65%** | 2019
- ❖ **Blessings Matric. HR. Sec. School**
Secondary School (10th) | **92%** | 2017

WORKED ON PROJECTS HIGHLIGHTS

1. Home Automation Using IoT

- ❖ Utilized ESP8266 microcontroller for temperature monitoring and real-time LCD display.
- ❖ Integrated DHT11 temperature sensor with ESP8266, programmed using Arduino IDE for I2C communication.
- ❖ Established Wi-Fi network connectivity for remote temperature monitoring via a web interface.

2. Industrial Fault Indication System with SMS Alert

- ❖ Developed a system integrating ADC temperature sensors with EC8051 microcontroller and GSM module (SIM900).
- ❖ Coded algorithms for fault detection, triggering SMS alerts for anomalies.
- ❖ Implemented proactive monitoring by setting threshold values for temperature ranges.

CERTIFICATIONS & TRAINING

- ❖ Advanced Embedded Systems Training
- ❖ Smart Signs with Road Safety on IoT by IBM
- ❖ Smart Things on IoT Training at NSIC Chennai

INTERNSHIP

- ❖ Completed hands-on training in embedded systems, focusing on microcontrollers and sensor integration.

PERSONAL DETAILS

Nationality : Indian
Religion : Hindu
Date of birth : 21st October 2001
Gender : Male
Marital Status : Single
Languages Known : English, Tamil

DECLARATION

I hereby declare that all the information mentioned above is true to the best of my knowledge and belief.

Place: Chennai.

Date:

[BHARATH KUMAR S]