

RESUME

SAGAR KANJARIYA

Mobile : +91-958634689

Email : sagarkanjariya1212@gmail.com

Linkdin : www.linkedin.com/in/sagar-kanjariya

Career objective

Results-oriented Embedded Software Engineer with **1.9+ years** experience in analysis, design, development, testing, and implementation of various embedded software systems. Adept at designing and building applications with usability and high performance in mind.

Academic Qualification

Course	University/Board	Institute	Year of passing	Percentage/CGPA
Instrumentation and control Engineering	B.E	L.D college of Engineering	2021	72.10%
H.S.C	G.S.H.E.B	Rajshakha Higher Secondary School	2017	78.00%
S.S.C	G.S.E.B	Rajshakha Higher Secondary School	2015	82.83%

Work Experience

Job profile & Responsibility:

Jr.Embedded Engineer at **July 2021 - Continue**
Optimized Solution Limited, Ahmedabad,India.

- Modified existing software to correct errors, upgrade interfaces, and improve performance.
- Implemented designs, including experimentation and multiple iterations.
- Interface with hardware design and development
- Design, develop, code, test, and debug system software.
- Solid Programming Skills On C, Embedded C, RTOS Development and Communication Protocol(UART,I2C,SPI, RS485), IOT application and various types of display module interface.
- I was develop application base on different micro-controller (cortex M0-M4), E.g. STM32(ARM Cortex M0-M4), TI Controller, MSP430 etc.

Embedded Project :

- Alarm Module
- Battery management system with IOT solutions
- Flammable gas control system

Certificates:

- **Udemy Platform:**
 - Mastering Microcontroller and Embedded Driver Development
 - Mastering RTOS: Hands on FreeRTOS and STM32F4x with Debugging
- **Hacker Rank Platform:**
 - Python(Basic)

Technical Skills:

- Programming Languages : C, Embedded C, Python 3 .
- Image- processing : OpenCV Python.
- Operating systems : Windows.
- RTOS : FreeRTOS, CMSIS etc.
- IDE : VS code, Arduino ,Keil uVision, STM32CubeIDE, Code Composer Studio.
- Hardware : μ C 8051,STM32(Dual+single ARM cortex) Series, Texas Instruments, Display module etc.
- Peripherals : GPIO, ADC & DMA etc.
- Protocol : UART,I2C,SPI .
- IOT : GPS, GSM.

❖ Achieved **Gold Badges** in “C language and Python” from Hacker Rank.

Personal details:

Permanent Address : Darshil Row House,Block NO.36,
OPP.Maharshi Arvind Township,
Sadhu Vasvani Kunj road, Railnagar, Rajkot-360005

Current Location : Gandhinagar

Nationality : Indian

Language known : English, Hindi & Gujarati

Prefer Location : Anywhere in India

Declaration:

I hereby declare that the above statements are true to the best of my knowledge & belief.

Place :

Date :

Sagar Kanjariya

