

ADAKA

SATYANARAYANA

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## CAREER OBJECTIVE

To build career in growing organization, where I can get the opportunities to prove my abilities by accepting, fulfilling the organizational goal and climb the career ladder through continuous learning and commitment.



## EDUCATION

Qualification	Institution	University/ Board	Year of passing	Percenta ge/ CGPA
B.Tech (ECE)	Nalanda Institute of Engineering & Technology	JNTUK	2022	7.23 CGPA
Intermediate	Narayana Junior College	BIEAP	2018	73.5%
Class X	Basara Concept School	SSC	2016	63%



## Executive Summary

Completed Advanced Embedded Systems at Vector India Hyderabad.

- Having good developing knowledge in Embedded C.
- Good exposure to with various protocols such as UART, I2C, SPI, CAN.



## TECHNICAL SKILLS

- C Programming, Embedded C, C++.
- 8051 Microcontroller.
- **Protocols:** UART,I2C, SPI, CAN, RS-232.



## PROJECTS DETAILS

### DIGITAL CLOCK DISPLAY ON DOT MATRIX USING 4 MULIPEXED 8X8 DOT MATRIX

First check UART program for transmitting character, string and receiving one character using serial interrupt only. Check the RTC (DS1307) working condition by displaying real time clock information (time, day, date) on hyper terminal with the help of I2C function. Collect the RTC information with the help of string format for displaying on DOT MATRIX also. Then prepare UART program for displaying menu and menu selection using receiving logic both transmit and receive option by using serial interrupt only.

Then display our required menu on the hyper terminal.

1. Time (MMSS) selection.
2. RTC info (HH:MM:SS DD /YY/DAY) selection with scrolling mechanism.
3. Time editing.

**Responsibilities:** Software Design and Development.

**Tools:** Keil Software.

**Hardware Requirements:** AT89S52, 8x8 Dot Matrix Display, DS1307, MAX 232(optional).

**Languages:** Embedded C.



## PERSONEL DETAILS

- Father's Name : A. SRINIVASA RAO
- Mother's Name : A.VENKATA RAVAMMA
- Date of Birth : 26-06-1999.
- Linguistic Proficiency : English,Telugu. -



## DECLARATION

I here by declare that the details furnished above true and correct to best of my knowledge and belief.

Date:

Signature:  
A.Satyanarayana

