

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/<br>Board | Year of<br>passing | Percentage<br>/CGPA |
|-----------------|--------------------------------------------------------|----------------------|--------------------|---------------------|
| B.Tech<br>(ECE) | Nalanda<br>Institute of<br>Engineering<br>& Technology | JNTUK                | 2022               | 7.23 CGPA           |
| Intermediate    | Narayana Junior<br>College                             | BIEAP                | 2018               | 73.5%               |
| Class X         | Basara Concept<br>School                               | SSC                  | 2016               | 63%                 |



## **Executive Summary**

Completed Advanced Embedded Systems at Vector India Hyderabad.  
Having knowledge in Embedded C.



## TECHNICAL SKILLS

- C Programming, C++.
- Embedded C,
- 8051 Microcontroller.
- Protocols: UART, I2C, SPI, CAN, RS-232.
- Knowledge in linux commands



## PROJECTS DETAILS

### DIGITAL CLOCK DISPLAY ON DOT MATRIX USING 4MULIPLEXED 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 testing.

**Tools:** Keil IDE.

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

**Languages:** Embedded C.



## PERSONEL DETAILS

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



## DECLARATION

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

Date:

A.satyanarayana  
Signature: