**Basanthi Kashyab**

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Career Objective An Electronics engineer with a passion for Embedded System and core electronics, seeking to work on leading technology projects and add value through technical expertise. looking for a career opportunity to fully utilize technical skills in Embedded development in Autonomous Vehicles and other domain, to make a significant contribution for success to the company.

# Academic Details

* PG Program in Embedded Systems for EV Application, Skill-Lync. (ONGOING)
* B.Tech , ECE | AVN Institute of Engineering and Technology | 68% (2017-2020)
* Diploma, ECE | Sahaja Institute of Engineering & Scince for Women | 75%. (2014-2017)
* 10th (STATE BOARD), ZPHS High School, Vemulawada | 8.3 Gpa. (2013-2014)

# Technical Skills

* **Programming:** C **,** Embedded C , programming
* **Simulation/Programming Software:** STM32CubeIDE , MATLAB Simulation, AutoCad
* **Microcontroller:** 8051, ATMEGA328P , PIC , ESP8266 , ESP32.
* Others: MS Office

# Projects

Software Project:

Program to control the Retraction and Extension of Airplane’s landing gear STM 32 CUBE IDE | EMBEDDED C

* + Implementing the control for the retraction and extension of Airplane’s landing gear using the Finite state machine Concept.
  + Code made up with user Defined header files , Defined Macros, Enum data types, structure table.
  + Code is based on the method of modular programming.
  + Software verification and validation and system testing for handcode

Creation of user defined data type to implement the user interfaces for working STM 32 CUBE IDE | EMBEDDED C with Union and Intersection.

* + Objective is to create C program to perform the task of union and intersection using linear linked list.
  + Using the concept of linked list to assign each node values.
  + Code is implemented by using the formulas for intersection and union to perform the calculation.

Academic Project

Final Year Project: **An intelligent walking and finding stick for visually challenged people by using pot and stm32 micro controller**

* We developed walking stick by using Stm32 micro controlller
* It’s supports sensors and virbrtaion meter
* I consist of GSM And GPS which is plays major role in the to get information to the person

We find the stick with the help of remote when it’s lost

**Mini Project :**Speech compression analysis by using Matlab software

Speech compression is nothing but high input stream of converted in to smaller size

# Internship

## PCB designing & Testing on HAL LIMITED.

# Certifications

* **Embedded C Essentials (Skill Lync) Completion Certificate UID: ztm8p17j32rbyk6e**
* **And also Have Certificate on Testing and solderings on Audio Amplifier & PCB Designing.**
* **Computer Hardware & Networking**

# Language Spoken

## English: Fluient :

## Full Professional Proficiency (Native) Telugu: Full Professional Proficiency Hindi: