

**Kruthi V**

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**CAREER OBJECTIVE:**

To seek a position which involves access of high quality technology to address toughest health care challenges, to enrich my professional skills and work towards the growth of the organization.

**ACADEMIC CREDENTIALS:**

Course	Institution	University	Aggregate
Bachelor of Engineering [Bio-Medical Engineering]	ACS College of Engineering	Visvesvaraya Technological University	60.5%
Diploma [Instrumentation Control engineering]	JSS Polytechnic for Women	Karnataka Board	69.44%
S.S.L.C	School Vivekananda	Karnataka Board	72.43%

**TECHNICAL SKILLS:**

- **Programming languages:** Basic C and C++, Micro controller, Verilog and HDL.
- **Operating System worked on:** Windows XP, 7, 8, 8.1, 10.
- **Tools used:** TURBO C, DevC++, MATLAB, Xilinx.

**ACADEMIC PROJECTS AND SEMINARS:**

**Title:** "LED Seven Segment Display "

**Description:** to interface seven segment display to microcontroller 8051 which displays hexa numbers.

**Roles & Responsibilities:** displaying of hexa numbers.



**Title:** "Fan Controller"

**Description:** the circuit uses NTC thermistor to sense the heat, it reduces temperature when temperature increases.

**Roles & Responsibilities:** it controls the temperature and hence avoids the damage of system.



**Title:** “Automatic Billing Shopping Trolley”

**Description:** The main purpose of this paper is to provide centralized and automated billing system using RFID and ZigBee communication. Each product of shopping mall, super markets will be supplied with an RFID tag, to identify its type. Every cart contains PID (Product Identification Device). Specifically, PID contains a microcontroller, LCD, an RFID reader, EEPROM.

**Roles & Responsibilities** we are proposing to develop a smart shopping cart system that will keep the track of purchased products and also online transaction for billing using RFID and ZigBee. The system will also give suggestions for products to buy based on user purchase history from a centralized system

**HOBBIES:**

Reading, Badminton, Novel writing, Listening to music.

**PERSONAL DETAILS:-**

**Name:** Kruthi V

**Date of birth:** 07/07/1995

**Father's name:** Venkatesh S

**Language Known-** English, hindi , kannada ,rajasthani.

**DECLARATION:**

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

**Place:** Bangalore

**Date:** 3/7/18.

**Kruthi V**