JAISON V J

GET IN TOUCH!

Hosabidu, Nagalapura village, Narasimharajapura, Chikkamagaluru, Karnataka - 577134, India

January 10, 2002

jaisonvj053@gmail.com

+919663768053

www.linkedin.com/in/jaisonvj

github.com/jaisonvj

SKILLS

Java Full Stack

JAVA | SQL | HTML

C

Embedded C

Communication

Presentation | Active Listening | Confidence

Leadership

Creativity | Empathy | Strategic thinking

LANGUAGES

English
Fluent

Kannada
Expert

Malayalam
Intermediate

Hindi
Intermediate

AWARDS

Won Award In Technical Competition
awarded by college principal

Technical competition was conducted in college, which was included three rounds such as aptitude, circuit simulation and technical presentation.

OBJECTIVE

Self-motivated and hardworking fresher seeking for an opportunity to work in a challenging environment to prove my skills and utilize my knowledge and intelligence in the growth of the organization.

EDUCATION

Alva's Institute of Engineering and Technology, Mangalore
BE / B.Tech, Electronics and Communication Engineering
(August 30, 2019 - Present)
8.63 CGPA

Alva's Pre-University College, Mangalore
12th(Karnataka PU Board), PCMB
(March 10, 2017 - March 15, 2019)
75.83 %

D C Memorial Comp High School
10th(Karnataka Secondary Education Board)
(September 10, 2016 - April 05, 2017)
89.92 %

INTERNSHIPS

Emertxe Information Technologies | February 2022 - April 2022
(online mode)

This Internship in associated with emertxe information technologies helped me to develop some new skills. The skills which I developed from this internship includes :

- Programming skills in c & Micro-controllers.
- SDLC based project building in embedded systems.
- Project management, Leadership and Stress management.

PROJECTS

Table Name Board Matrix Display | June 2022 - August 2022
(Mini Project)

This Project is concerned with the construction of a two dimensional arrangement of LEDs in a rectangular arrangement for the purpose of displaying English Alphabets and decimal numerals. The characters to be displayed are entered using a computer or it can be include in the program . Therefore, in this project the computer functions as an input device and LED Matrix Display functions as an Output device. A computer program shall also be included in the project to create a user-interface environment to enter the characters and numbers to be displayed.

Car black box | February 2022 - April 2022
(Internship Project)

Black Boxes are typically used in any transportation system for example Airplanes ,that are used for analysis post-crash and understand the root cause of accidents. Continuous monitoring and logging of events for example over-speeding ,is critical for effective usage of black box. The goal of this project is to implement core functionalities of a car black-box in a PIC based microcontroller supported by its peripherals. Events will be logged in EEPROM in this project. This project can be further extended to any vehicle and this project can be further be developed by the usage of the GPS and GSM module. By usage of this module in case of any accident location of the vehicle can be send to the nearby hospital.

SOCIAL INTEREST AND HOBBY

Hobby

Playing chess | Travelling | Computing | Playing cricket | Video Games | Learning a new skill

Social Interest

Volunteering | Exploring other cultures | Camping | Being involved with charities

CERTIFICATIONS

NPTEL Certification
NPTEL Online Certification for Successfully Completing the Course Microprocessors & Microcontroller

Certificate of internship
Certificate of internship for successfully completing online internship on Embedded systems.

Certificate from Ui Path
Robotic Process Automation Certification In Association with Ui Path

Certificate from TCS iON
Career Edge - Knockdown the Lockdown online course offered by TCS iON

TOOLS KNOWN

(Laboratory tools)

- MATLAB
- Intel Quartus Prime
- Xilinx ise
- KiCAD

Automatic car parking system | November 2021 - December 2021
(Micro Project)

In the current scenario the problems associated with vehicles parking are increasing day by day. To solve this problem I have implemented this project using of Arduino uno. For detecting the movement of vehicles I have used the IR sensors. If the slot is empty in the automated car parking the new vehicles are allowed to enter the parking else the entrance is blocked by using the servo barrier in case no empty slot is found by the system. The visitors can see the status for the availability of the free space outside the parking on a lcd screen.

WORKSHOPS

(Participated)

- Envision and E-yantra Lab robotics workshop.
- Cyber security workshop from indian Cyber Security Solutions (GreenFellow IT Security Solutions Pvt Ltd).
- Hands-on workshop on PCB designing using KiCAD and Fabrication of PCB.

FIELD OF INTEREST

(Software & Hardware)

- Data Science.
- IoT(Internet of things).
- RPA(Robotic process automation).
- Cloud Computing & DevOps.
- Software Testing.