SANJANA K G

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LinkedIn Profile 🔗

OBJECTIVE

I am seeking opportunity to join a company that can help me to enhance my skills, strengthening my knowledge and realizing my potential. I have very good knowledge of technical skills and strong communication skills. Flexible for any of the job role and would like to explore ample opportunities. My goal is to become the strong resources to the company.

EDUCATION

The Oxford College of Engineering, Bangalore | B.E
2018 – 2022
BE-Electrical and Electronics Engineering VTU | 75%

Roohi PU College, Bangalore | 2ⁿᵈ Puc
2017 – 2018
PUC-Science | Karnataka PU Board | 67 %

Surya English Medium School | 10ᵗʰ
2015 – 2016
10h Standard SSLC | 88.64%

INTERNSHIPS

Python intern
JUNE 2021– JULY 2021
Completed internship in Technologics global private limited in the python where covered the fundamental topics.

Electrical intern| KPTCL
SEPTEMBER 2021 – OCTOBER 2021
Completed internship on "Study on Maintenance of receiving station" for 1 month in KPTCL

TECHNICAL SKILLS

- Simulators: **Proteus, Matlab, Kiel**
- Programming: **C programming, Python**
- Microcontrollers: **8051, Arduino**
- Tools & utilities: **Teams, MS office**
- Operating system: **Windows**

KEY SKILLS

- Ability to adapt to current technology
- Hardworking and enthusiastic
- Confident and determined
- Leadership quality and good communication skills

PROJECTS

- **Measurement of Solar Energy using Microcontroller**
  Voltage sensor and current sensor are used to measure voltage and current flowing to load from solar panel. Solar panel are DC power sources. LCD is used to display the value of current, voltage and power of the solar panel.
  Technology used: **Renewable, Arduino, C programming**

- **Smart wheelchair using voice, gesture, and eye movement recognition**
  In this project, we have used an Arduino microcontroller which is connected to various components like node MCU, motor driver circuit etc. We have used java programming for the node MCU model. We have developed a wheelchair which works on the bases of sensors and which will help the handicapped people movement easily. This project was also selected and recognized by the Karnataka council project group. This group was awarded by the Karnataka council.
  Technology used: **Arduino, Core Java, App development, C programming**

ACHIVEMENTS

- Participated in the ideathon which was conducted by TOCE college.
- State level athletic player (2014) 100m,4*100m relay

HOBBIES

- Listening music
- Cooking, athletic

DECLARATION

I sincerely declare that the facts provided in this resume are true and correct to the best of my knowledge