



SIDHARTH K

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CAREER OBJECTIVE

To work for an organization which provides me with the challenging opportunities to develop my logical thinking, programming skills and knowledge to grow along with the organization objective. Keen to learn and expand in the professional and personal perspective.

EDUCATION

APJ Abdul Kalam Technological University	2019-2023
B. Tech in Electronics and Communication Engineering	67.8 %
Kadambur Higher Secondary School-Kannur, Kerala	2017-2019
Higher Secondary Education in Computer Science	78.58%
Kadambur Higher Secondary School-Kannur, Kerala	2017
Secondary School Leaving Certificate (SSLC)	95.55%

SKILLS

Embedded Software	: C, C++, Embedded C, Data Structures
Python Web Dev	: SQLite Database, Crawling with Beautiful Soup, Flask Web Framework
Web Development	: Python, Html, CSS, JavaScript, PHP, MySQL
Software Known	: Keil, Proteus, PyCharm, vs code

ACADEMIC PROECTS

B. Tech, KTU (Main Project)	Nov 2022- May 2023
Automated Power Supply Changeover Switch for On Grid Domestic Solar Plant.	
Description: This project aims to design and implement an Automated Power Supply Changeover Switch for on-Grid Domestic Solar Plants. This is a device that safely bypass the electric current to the usage area without making the risk of return the current through the transmission line. The system consists of an IC-based circuitry relay switching system that continuously monitors the availability of the grid power and the solar power. Whenever the grid power fails, the system automatically switches over to the solar power. The switch-over process is quick and seamless, ensuring that there is no interruption in the power supply to the household.	
B. Tech, KTU (Mini Project)	May 2022- Oct 2022
Electric Disconnection Identifying System	

TRAININGS & PROJECTS

Vector India Pvt Ltd, Bangalore

Nov 2023- June 2024

Embedded Systems

Larsen & Toubro EduTech (Online)

April 2022 – May 2023

Python Web Developer

Project: Steganography

INTERNSHIP

Keltron, Kannur

Jan 2021 (1Week)

Internship on Optical Fiber Communication

Area of Exposure: Introduction to optical Fiber Communication, Common Structure of OFC, Classification of Optical Fiber, Fiber Parameters, Splicing

BOOTCAMPS & WORKSHOPS

Pantech Solutions Pvt Ltd

Sep 2023 – Oct 2023

ESD ARM CORTEX

30 Days (Online)

Shape AI

Feb-2021

Bootcamp on JavaScript and react.js

7 Days (Online)

Innovians Technologies

Oct 2019

National Workshop on Internet of Things

2 Days

ACHIEVEMENTS / ACTIVITIES

- Participated in the annual national level Techfest **Tantra “22** held on Dec 05,2022 as a **sub-coordinator**.
- Participated in the event **Idea Explore** conducted on June 06 2021 behalf of the Techfest **TECHNOPHILE**.

PERSONAL DETAILS

Date of Birth : 1st July 2001

Present Address : Perfect Pg, 3rd cross Tavererekere Main Rd, Bengaluru-560029, Karnataka

Permanent Address : Souparnika Nivas, Elayavoor South, p.o mundayad, Kannur-670594, Kerala

Languages Known : English, Malayalam, Tamil (Basic), Hindi (Basic)

Marital Status : Unmarried

DECLARATION

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

Date: 02/07/2024

Place: Kannur

(SIDHARTH K)