**ABHIJITH P D** 

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# Career Objective:

* To be a part of an enthusiastic work environment, where I can enhance my knowledge and apply my technical skills to accomplish organizational goals.

# Technical Skills:

* **Programming Languages:** C and Basics of Python
* **IDE:** Arduino, PyCharm
* PCB and Circuit design
* PC hardware installation

# Academic Background:

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| --- | --- | --- | --- | --- |
| **DEGREE** | **YEAR** | **SCHOOL/COLLEGE** | **UNIVERSITY/BOARD** | **CGPA/**  **PERCENTAGE** |
| **B-Tech-**  **Electronics and Communication** | 2018-  2021 | Government Engineering College, Idukki | APJ Abdul Kalam Technological  University | 7.71/10 |
| **Diploma** | 2014-  2017 | I.P.T & G.P.T.C Shoranur | Board of Technical Education,  Kerala | 8.9/10 |
| **Class X** | 2013-  2014 | T.H.S Shoranur | Board of Public Examinations  Kerala | 90 % |

# Experience

* **Apprenticeship (VSSC/ISRO): Jan 2018 – Aug 2018**

Trained as an apprentice in Vikram Sarabhai Space Centre, Thiruvananthapuram. I have strong knowledge in testing of data acquisition unit of flight modules and completed testing of various modules by using checkout machine. Participated in production process of sensor modules that needed for the rockets.

**Projects Undertaken:**

* **Dancing Light: Jun 2015 – Sep 2015**

Designed the circuit and the optimal pattern of circuit connection is transferred to a copper clad laminate or to the PCB from a transparent sheet which is having copy of circuit connection. Then

unwanted copper from the laminate is removed using ferric chloride. To place the components in PCB, holes can be made to needed points using a driller machine. After proper soldering of components output is observed by connecting a DC supply.

* **9V Supply: Jan 2016 – Feb2016**

Implemented a bridge rectifier circuit on a PCB with a proper design. The board is placed in to appropriate case after the test is being completed. The output wires can be taken out that gives 9V supply.

* **Cleaner Machine: Aug 2019 – Dec 2019**

It is a four wheeler robotic car that cleans dirty floors, guided by ultrasonic sensors. Robotic car can be controlled via Bluetooth (HC-05 module) and also works in automatic mode.

Software: Arduino

* **Smart Assisting System for E-Hub: Aug 2020 – June 2021**

This project rectifies the heavy workload in product sorting section of each hub or any E-commercial shops etc. A small robotic arm is used to place the different products in proper places by evaluating the postal code (destination PIN code). A Raspberry Pi with camera module is used for continuously scanning QR Code of incoming products that is coming through a conveyor.

Software: PyCharm

# Extra Curricular Activities:

* **Technical Coordinator** - **IEEE Student Branch GEC Idukki: 2019-2021**

Initiated and organizes branch activities in our college by representing as a Technical Coordinator in Executive committee 2019-2021.

* **Stall Coordinator – Advaya National Level Techfest: 2019-2020**

Organized department stall of National level Techno-Cultural fest of Government Engineering College Idukki.

* **National Cadet Corps: 2014-2017**

NCC C-Certification in the year of 2014-2017 and participated in various state level camps and Coordinated election booth activities under NCC.

* **Recitation**

Participated and won prize several times in school and college level art fest.

# Hobbies

* PC hardware troubleshooting
* Electronics projects building
* Soldering
* Playing Cricket
* Singing Music

# Personal Profile

**Date of Birth :** 27-04-1999

**Gender :** Male

**Marital Status :** Single

**Country :** Indian

**Languages :** English, Malayalam(Mother-tongue), Tamil

# Declaration

I hereby declare that the given information is true to the best of my knowledge.

Place: Thrissur **ABHIJITH P D**

