

DEVITHA P S

Pavithram

PMG Rice Mill Comp

Keezhekolla, Amaravila PO

Thiruvananthapuram

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**CAREER
OBJECTIVE**

Seeking for a challenging position as a professional, where in given chance of proving my skills and abilities in the Electronics and Information Technology field that offers professional growth while being resourceful, innovative and flexible. To accomplish responsibilities to the best of my efficiency and to work hard to achieve organizational objectives.

**HARDWARE AND
SOFTWARE
SKILLS**

Knowledge in basic C programming ,Python and Django framework.

Familiar with HTML,CSS,Bootstrap,Javascript.

Familiar with Verilog and VHDL programming language.

Familiar with microcontrollers AVR, ARDUINO board, PIC,ARM .

Experience with the keil and micro c.

Acquired good skills in XILINX, CADENCE, and MENTOR GRAPHICS.

Basic knowledge in networking fundamentals.

Knowledge in Machine Learning.

**PERSONAL
STRENGTHS**

Able to communicate powerfully and effectively with confidence and clarity.

Has the ability to influence, motivate and inspire others.

Highly adaptable to any culture and respects them.

Excellent team player at the same time good at individual tasks.

Ability to work under time pressure and handle multiple tasks.

Practiced good organizational skills at work.

Punctuality and time management.

**ACADEMIC
CREDENTIALS****Mtech in VLSI & Embedded System**

St. Joseph College of Engineering & Technology Palai, Kottayam
2017-2019 -CGPA - 9.22

B.Tech in Electronics and Communication Engineering

Mangalam College of Engineering, Kottayam
2013– 2017– CGPA -7.69

Class XII (STATE)

Shree Vidhyadiraja Vidhya Nilayam HSS NTA, Trivandrum
YOP – 2012 – 90%

Class X (STATE)

St. Thereses Convent GHSS NTA, Trivandrum
YOP – 2010 – 90%

**ACADEMIC
PROJECTS**

Title : Mtech Final Project :Design of low power SAR ADC for data acquisition.

Description : This project entitles on how SAR ADC can be used on critical applications in aerospace and in hospital equipments for data acquisition.

Title : Mtech Project :Comparison of power and delay calculation of delta-sigma modulator using distinct comparator section

Description : Delta Sigma modulator in which ADC function is performed and calculated the characteristics of its noise level and its comparator section is replaced by different comparator sections and its performance was analysed.

Title : Main Project Automated PRO

Description : Automated PRO is a machinised version of human PRO. It can automatically process all the operation that a human PRO does.

Title : Mini Project: Snack Vending Machine

Description : The projects emphasizes on how an automatic vending machine can be processed with the help of an arduino board.

Title: Micro Project: Mosquito Repellent Circuit

Description: The projects emphasizes on providing how the mosquitoes can be repellent away by means of an automatic circuits rather than the normally available method.

ACHIEVEMENTS April 2015 Internship program at Doordarshan

August 2016 Internship program at Lamina Suspension Products Mangalore.

Coordination member of the technical fest ELECTROVAGENZA on 2015 and 2017.

Participated and coordinated the arts fest SAARANG 2k16 and 2k17 in college.

Was an active member of many student associations in school and college.

Participated school level quiz competitions and secured prizes.

Secured certificate for add-on-course on microcontroller.

Conducted a seminar on the topic ‘A smart home management system with community hierarchy’ in mtech level.

Internship programme from Keltron on ‘Embedded system and Phyton programming’.

Published a paper on “Design of Low Power High Speed SAR ADC – A Review”, 3rd IEEE Technically Sponsored International Conference on Computing Methodologies and Communication (*ICCMC*), March 2019.

**WORK
EXPERIENCE**

Worked as Python Developer in Stroxx Technologies, Ernakulam
(February 2020 –April 2021)

- Created a website for COVID -19 protocols and preventions.
- Created a website for Online Food Delivery Service

Work as intern in Quest Innovative Solution , Thiruvananthapuram
September 2019 to November 2019

- Familiarisation with PIC and C language.

**PERSONAL
PROFILE**

Name : Devitha P S

Gender : Female

DOB : 04/01/1994

Interests : Reading, Dancing, Driving , Chess, Gardening

Languages : Malayalam, English, Hindi known

DECLARATION

I hereby declare that all the above furnished information is true to the best of my knowledge and I will be solely responsible for any discrepancy found in them.

DEVITHA P S