

Amith Rayan Fernandes

OBJECTIVE

To constantly learn and keep myself updated on the latest advancements in technology and apply them, express my ideas and motivate my team on achieving the goals for the betterment of the organization.

EDUCATION

Navachetana English Medium School ,Mangalore — 1st to 10th std

Karnataka Secondary
Education Board

84%

2004-2014

Padua PU College Nanthoor,Mangalore — PU (PCMC)

Karnataka PU Board

91.68%

2014 - 2016

Canara Engineering College,Bantwal — BE in Electronics and Communication

Visvesvaraya
Technological University

6.47 CGPA

2016 - 2020

INTERNSHIP

> **Fiabilite Network Solution Private Ltd**

Worked on embedded IOT, user interface design and cloud deployment.

PROJECTS

> **Self-regulating intelligence platform for greenhouse farmers with plant disease identification (Rs 30,000 funded by Analog Devices)**

> **Automatic vehicle logging and admitting system for residential/factory using number plate recognition (Raspberry Pi)**

> **IOT based home security and automation (Raspberry Pi)**

> **Virtual Telepresence Robotics (for HACK-A-THON)**

AWARDS

One among top 11 finalists of Anveshan competition conducted by AnalogDevices.

3rd place in fastest line follower competition conducted by BITS pilani ,Goa Campus 2018

1st place in best designed RC car conducted by St.Joseph Engineering College during TIARA 2017.

1st place in Robo Soccer conducted by IEEE SB CEC during International Arduino day 2017.

2nd place in project expo(smart IOT home) conducted IEEE SB CEC during International Arduino day 2017.

EXTRACURRICULAR ACTIVITIES

Participated in Anveshan, a national event organized by AnalogDevices during june 2019 in bangalore.(Demonstrated a Self-regulating greenhouse)

Participated in HACK-A-THON conducted by IEEE SB CEC during MAR 2019.(worked on Virtual Telepresence Robot)

Participated in MAKE-A-THON conducted by IEEE SB CEC during November 2016.(worked on live video streaming remote controlled rover)

Participated in Inter college Technical fests conducted by St.Joseph Engineering college,SMVITM, Srinivas Institute of Technology in 2017.

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SKILLS

Problem-solving skills and a logical thinking mind.

Critical thinking.

Interest in technology.

PROGRAMMING LANGUAGES

C ,Python , C++ ,Embedded C ,
Matlab, Assembly ,Verilog ,
HTML ,CSS ,Javascript

DEVELOPMENT BOARDS

STM32 Arm cortex M3

8051 microcontroller

Linduino,Arduino uno,nano

Raspberry pi 2,3b+,zero

NodeMCU

Esp8266 Wifi module

HC_06 Bluetooth module

ENGINEERING TOOLS

MultiSim

Electric

Cadence Design tools(Pspice)

Proteus

Xilinx

NCTUNS network tools

PROGRAMMING IDE'S

Visual Studio Code

KEIL for microcontrollers

Anaconda

Sublime Editor

MASM (assembler)

Code composer Studio (CCS)

HOBBIES

Learning music and playing guitar,keyboard and other instruments.

Photography and photoshop

