

Amith Rayan Fernandes

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SKILLS

Problem-solving and logical thinking
Critical thinking
Enthusiast in technology
Team Worker

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 3b+, zero
NodeMCU
Esp8266 Wifi module
HC06 Bluetooth module

ENGINEERING TOOLS

MultiSim
Electric
Cadence Design tools(Pspice)
Proteus
Xilinx
NCTUNS network tools

PROGRAMMING IDE'S

Visual Studio Code
KEIL for micro controllers
Anaconda
Sublime Editor
MASM (assembler)
Code composer Studio (CCS)

HOBBIES

Learning music and playing
guitar, keyboard etc.
Photography and Photoshop

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 **91.68%**
2004-2014

Padua PU College Nanthoor, Mangalore — PU (PCMC)

Karnataka PU Board **84%**
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

Finalists of Anveshan2019 competition conducted by Analog Devices.

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 events conducted by St. Joseph Engineering college, Shri Madhva Vadiraja Institute, Srinivas Institute of Technology in 2017.

