



Amith Rayan Fernandes

Electronics and Communication Engineer



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SKILLS

- C and C++
- Python
- Flutter + Dart
- HTML + CSS
- JavaScript
- Verilog HDL
- MATLAB

DEV BOARDS

- Arduino UNO, Nano
- STM32
- ARM Cortex M3
- Node-MCU
- 8051 Microcontroller
- Raspberrypi 3B+ & Zero

TOOLS AND IDE

- Visual Studio Code
- Android Studio
- Arduino IDE
- Proteus Simulation Tool
- Cadence Design Tools
- Keil Development Tool

INTERESTS

- IOT Systems
- App Development
- Embedded Systems

HOBBIES

- Guitar and Keyboard
- 3D Modelling
- Developing Telegram Bots.

CAREER OBJECTIVE

To constantly learn new technologies and apply them, express my ideas and dedicate myself for betterment of the organization.

INTERNSHIP

FIABILITE NETWORK SOLUTION PRIVATE LTD 2019

- Worked on Embedded IOT, User Interface Design and Cloud Deployment.

PROJECTS 2016 - 2020

- **DictoWriter** - A Speech to Text Plotter aimed to assist differently abled to write exams. (Final Year Project)
- **Self-Regulating Intelligence Platform for Greenhouse Farmers** (Rs.20,000 funded by Analog Devices)
- **Automatic Vehicle logging and admitting system** for residential/factory using Number plate recognition (Raspberry Pi)
- **Virtual Tele-Presence Robot**

EDUCATION

COURSE	INSTITUTION	UNIVERSITY	MARKS
B.E in E&C	Canara Engineering College,Bantwal	VTU	6.71 (CGPA)
P.U.C	Padua PU College, Nantoor	KPUEB	84 %
SSLC	Navachetana English Medium School	KSEEB	91.68 %

ACHIEVEMENTS

- Finalists of Anveshan, a national event organized by **Analog Devices** during June 2019 in Bangalore.
- **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.
- **NPTEL Certification** in Embedded System Design with **ARM**.
- **3rd place in Line Follower** competition conducted by BITS Pilani ,Goa Campus 2018.
- Attended workshop on **Electronics in Medical applications** conducted by **IEEE**.
- Attended workshop on **Python and Raspberry Pi** conducted by **IEEE SB CEC**.