



Amith Rayan Fernandes

Electronics and Communication Engineer



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CAREER OBJECTIVE

To constantly learn new technology 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**.

HOBBIES

- Upgrading my **Guitar** and **Keyboard** Skills in my spare time.
- 3D modelling** in Blender3D.
- Developing **Telegram Bots**.

SKILLS

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

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