

#### **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

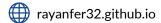
#### **INTERESTS**

- IOT Systems
- App Development
- Embedded Systems

# **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.