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| **Amith Rayan Fernandes**  **Email:[rayanfernandes9@gmail.com](mailto:rayanfernandes9@gmail.com)**  **Linkedin:linkedin.com/in/rayanfer**  **Contact: +91 8722277308**  **Github: github.com/rayanfer32**  **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 **91.68%**  Education Board **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 **6.47 CGPA**  Technological University **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.JosephEngineering 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. |