

**BHARATH RAVI PRAKASH**

# 5 , Koppa Village, Hulimangala  
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**CAREER OBJECTIVE:**

To have a challenging and rewarding career to produce time bound excellent results and also to be associated with a progressive organization that would give me a position to utilize my skills and abilities while being resourceful, innovative and flexible.

**EDUCATIONAL QUALIFICATION:**

Examination	Board/University	Institution/College	Year of Passing	Aggregate
BE (Electronics and Communications)	Visveswaraya Technological University	Jyothy Institute of Technology, Bangalore	2017	67 % (Pursuing)
P.U.C Science (PCME)	DPUE, Karnataka	Jain College, Bangalore	2013	75.33 %
S. S. L. C	ICSE	Clarence Public School, Bangalore	2011	87.14%

**TECHNICAL SKILLS:**

- Operating Systems : WINDOWS XP/ 7 / 8 / Ubuntu
- Software tools known : Movicon 11, MATLAB, Eclipse, Android Studio, Tizen Studio
- Languages : C, C++, Java, Smali.

**TECHNICAL PAPERS:****1. Presented technical paper in *IEEE-International Conference on Signal Processing, Communication, Power and Embedded System (SCOPEs)* – 2016**

Paper on *Adaptive filters using EVSSLMS Algorithms based on the Communication System*  
Presented on 2-5 October 2016 in Centurion University, Paralakhemundi, Odisha

**2. Presented technical paper in *9th KSTA Annual Conference on Science, Technology and innovations in the 21<sup>st</sup> century* - 2016**

Paper on *Antenna requirement for SDR in military applications*  
Presented on 20-21 December 2016 in Christ University, Bengaluru, Karnataka

## **PROJECTS:**

### **Autonomous Kitchen Safety (ASK)**

Detects Gas leakage using Special gas sensors and takes safety measures automatically using an Arduino based system. The prominent features were Automatic opening and closing of windows, Exhaust fan operation and Electric power cut off during leakage. The project was carried on to a proof of concept stage and was widely appreciated in our institution and maker exhibitions.

Exhibited this project in:

*Bengaluru Mini Maker Faire - 2016 by Workbench projects.*

*NASSCOM Product Conclave 2016 – Tech Makers @ Play.*

### **Dual purpose Android app for controlling simple home appliance and robot**

A simple android app that has a dual switch screen to control lights and fans in home as well as a robot. This is based on simple Bluetooth interfacing and serial communication. On a certain button press, corresponding action would take place.

### **GSM based motor controlled system**

To control a motor using GSM module interfaced with a microcontroller. On an equivalent SMS sent, the corresponding action would take place. Implemented using Arduino and has applications in vivid institutions.

## **INTERSHIPS AND TRAINING:**

### **1. Intern at Protocol Automation Technologies Pvt Ltd., Bengaluru**

- Working knowledge of Movicon 11, the software standard in Industrial automation.
- Well versed in providing Graphical user interface for building automation.
- One of the only 6 interns to be selected from the company for this internship.

### **2. Attended IEEE 5G Tutorials and Webinars held by IEEE 5G in Bengaluru.**

### **3. Attended a 2 day hands on workshop on “Embedded applications based on Arduino”.**

- Conducted by The Institution of Electronics and Telecommunication engineers (IETE).

### **4. 3 day workshop on “Robotics with Embedded C” conducted by ICUBZ in Bengaluru.**

## **ACHIEVEMENTS:**

- **Science and Mathematical competitive exams**, Participated in various Science and Mathematical competitive exams and awarded certificates.
- **Gold medal in National Maths Olympiad**  
Obtained Gold medal twice in a national level Maths Olympiad.

### **HOBBIES:**

- **Coding** in C, C++, and Java.
- **Circuit debugging**  
Will take circuits which is not proper and try to debug it.
- **Coin collection**  
Collect coins with special symbols at the back.

### **PERSONAL DETAILS:**

Name	:	Bharath Ravi Prakash
DOB	:	18-10-1995
Father's Name	:	K S Ravi Prakash
Mother's Name	:	P B Rohini
Languages Known to Speak	:	English, Kannada, Tamil & Telugu
Languages Known to Read & Write	:	English, Kannada, Telugu & Hindi

### **DECLARATION:**

I hereby declare that the above written particulars are true to the best of my knowledge.

**Place:** Bangalore  
**Date:**

**BHARATH RAVI PRAKASH**