

# **AFSHAN.K.RAHMAN**

**Phone:** +918606430993 **e-mail:** afshankrahman.mec@gmail.com

---

---

## **SUMMARY**

Engineering graduate in Electronics and Biomedical Engineering looking for a job in healthcare industry where I can deliver my knowledge and continuously learn .

---

---

## **PROFESSIONAL OBJECTIVE**

To be an innovative and progressive professional in the field and deliver significant contributions to the organization in achieving its goals, along with enhancing my knowledge.

---

---

## **AREAS OF INTEREST**

- Technical Skills: C, C++, Arduino, Proteus.
  - Operating Systems known: Windows.
  - Areas of Interest: Digital Electronics, Bioinstrumentation, Medical Electronics
  - Professional Strengths: Impressive communication and presentation skills, team player.
- 
- 

## **EDUCATIONAL QUALIFICATION**

- Bachelor of Technology in Electronics & Biomedical Engineering from Govt. Model Engineering College, Thrikkakara, Kochi; Cochin University(CUSAT) with 7.49 CGPA(First class), Kerala, India.
  - Plus Two from Mary Matha E.M.H.S.S, Thrikkakara, with 88.66%, Kerala State Board.
  - 10<sup>th</sup> from Mary Matha E.M.H.S.S, Thrikkakara with 94%, Kerala State Board.
- 
- 

## **WORK EXPERIENCE**

Works with **Think & Learn Pvt Ltd**, as Business development associate, from May 2017 till date.

- Handled revenue responsibilities in different regions, to being an individual contributor in meeting the organization's targets.
- Was capable in concept selling and understanding business and customer issues.
- Finding customer needs and satisfying their needs to improve the business scope.
- Additional tasks include mentoring children, providing customer support and handling technical issues with the product.

---

---

## **ACADEMIC PROJECTS AND SEMINARS**

### **1. PROJECT: SMARTPHONE BASED PATIENT ASSISTANCE ROBOT WITH HOME AUTOMATION**

A smartphone based voice controlled robot which is designed to assist bedridden patients, in grabbing required stuffs around. A robotic arm with five degrees of freedom is utilized for grabbing things and for movements motorized wheels are employed. The patient's room is automated so that he can control various electronic appliances by voice commands without the need of reaching out to the switch board. An android application to make calls to emergency contacts is also included in the project to get help at the earliest.

**Role:** Coding, Hardware.

**Technology:** Atmega 328, Robotic Arm, Bluetooth, Zigbee, Android Studio.

### **2. PROJECT: INTELLIGENT BABY ROCKER.**

Designed and implemented a baby rocker that swings automatically on detecting baby cry, with alarm indication for wet mattress.

**Role:** Coding, Hardware.

**Technology:** Atmega 328, Raspberry Pi, Microphone Circuit.

### **3. SEMINAR: IMPLANTABLE ARTIFICIAL PANCREAS**

An implantable artificial pancreas which would put an end to the conventional technique of insulin administration, by sensing the glucose level of body and release insulin accordingly.

---

---

## **SOFTWARE SKILLS**

- Exposure to various software like MatLab, Proteus, Android Studio.
  - Completed course works in C++, Java and C Programming.
  - Good working skills in MS Office.
- 
- 

## **INTERN EXPERIENCE**

### **1. PVS Memorial Hospital, Kochi ( 2 weeks)**

- Familiarized with the functioning, management, architecture and biomedical equipment of the hospital with respect to the course syllabus.

### **2. KELTRON CONTROLS, Alappuzha (2 weeks)**

- Familiarized with the different departments of a large scale industry.
- In-plant training done regarding the production systems of Sonar array, used in indigenous submarines as a defense tool.

### **3. Govt. Medical College, Kochi (10 days)**

- Acquired in depth knowledge of equipments in use, in a hospital and their servicing issues.
- 
- 

## **CO-CURRICULAR ACTIVITIES AND HONORS**

- Attended a workshop on Arduino and Robotics, conducted by Biomedical Association of Govt. Model Engineering College, Kochi.
- Attended Technopreneur 2015, a techno-managerial symposium organized by Govt. Model Engineering College, Kochi.

- Attended seminar on “Modern Medical Equipments”, by Philips Healthcare, Excel 2014.
  - Participant, Excel 2015,2016 & 2017.
  - Member, BMA Biomedical Association of Govt. Model Engineering College, Kochi.
  - Volunteer, Arduino and Robotics Workshop conducted by BMA.
  - Volunteer, Medical Expo conducted by BMA.
- 

## **PERSONAL DATA**

- **Date of Birth** 11-08-1995
- **Nationality** Indian
- **Languages Known** English, Malayalam, Hindi and Tamil.
- **Contact Address** “NAZEEB”,K.K.R.R.A-192, K.K.Road, Chembumukku, Thrikkakara. P.O, Kochi, Kerala, India. PIN: 682021.
- **Alternate Email Id** afshankrahman@gmail.com
- **Alternate Phone** +918129127784 or 04842425897