

# Joel Tom James

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## **SUMMARY**

Biomedical Engineer with an eagerness to learn new technologies and a keen interest to share knowledge. Strives to reach a research position in the field of Biomedical Engineering and Healthcare, where I can apply my knowledge and enhance my skills while contributing to the success of the organization and welfare of the world.

## **EDUCATION**

**Bachelor of Technology** 2017-2021  
**Biomedical Engineering** CGPA: 7.97  
Sahrdaya College of Engineering and Technology  
APJ Abdul Kalam Technological University

**Class 12<sup>th</sup>** 2017  
SBOA Public Sr. Sec. School 74.4%  
Central Board of Secondary Education

**Class 10<sup>th</sup>** 2015  
SBOA Public Sr. Sec. School CGPA: 8.8  
Central Board of Secondary Education

## **SKILLS**

- **Operating Systems:** Windows
- **Coding Languages:** C++,
- **Tools:** Matlab, LabVIEW, Simulink
- **Great communication Skills**
- **Languages Known :** English, Hindi, Malayalam, bit of Tamil and Spanish

## **CERTIFICATIONS**

- Training program on Electronic Product Building - EBSA
- Mind Controlled Robotics [Excellence Certificate] - IIT, Varanasi
- Introduction to Cognitive Psychology - Coursera
- MATLAB Onramp basics - MathWorks

## **PROJECTS**

### **Bed Bathing Unit**

- Bed capable of holding water when needed.
- Simplistic design.
- Aimed for the poor.

### **Modular Bed**

- Assistive product for bathing of the paralyzed.
- Lifts patient for thorough cleaning.

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## **Medicine Distributor**

- Assists in application of ear medication.
- 3D printed.
- Reduces neck strain.

## **Mobile Controlled Pressure Point Massager.**

- Bluetooth Control.
- Massages Pressure Points.

## **EXTRACURRICULAR ACTIVITIES**

### **Volunteer**

- Aided in the organization of most events held in the college.

### **Sports**

- Took part in most Inter - Departmental sports events.

### **Internship**

- Cyrix Healthcare Pvt. Ltd.

June 2018

## **WORK EXPERIENCE**

International business development executive  
Eightwe Digital Transformations Pvt. Ltd., Kochi

1<sup>st</sup> August, 2021 to present

## **CONTACT INFORMATION**

- **Phone:** +91 8157000008
- **Email:** [joeltomjames177@gmail.com](mailto:joeltomjames177@gmail.com)