

JOHNCY SUSAN AELIAS

B. TECH BIOMEDICAL ENGINEER

Cochin – Kerala

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CARRIER OBJECTIVE:

To obtain a creative and challenging position in an organization that gives me an opportunity for self-improvement and leadership, while contributing to the symbolic growth of the organization with my technical, innovative, and logical skills.

ACADEMIC QUALIFICATION:

B. Tech Biomedical Engineering – (University of Calicut):

Year of Passing: 2017, Marks (CGPA): 7.34/10

Sahridaya College of Engineering & Technology, Thrissur, Kerala

Intermediate School (Kerala State Secondary Education Board):

Year of Passing: 2013, Marks (%): 80%

ST Ignatius Higher Secondary School, Kanjiramattom, Kerala

High School (Kerala State Secondary Education Board):

Year of Passing: 2011, Marks (%): 88%

Hail Mary English Medium Higher Secondary School, Perumpally, Kerala

PROJECT DETAILS:

Main Project: Biomechanical Based Athletic Potential Assessment System

The early identification of the right talent in athletics and foster the development to improve the capability of individuals, by evaluating the fast and slow twitch muscle fibers.

Mini Project: Automatic Urine Output Measurement and Disposal System in CCU

The automation provides frequent measurement of Urine Output with less prone to errors that caused by manual monitoring.

PROFESSIONAL EXPERIENCE & MAJOR PROJECTS REFERENCES:

Biomedical Staff Trainee at St. Gregorios International Cancer Care Center & Multispeciality Hospital, Parumala, Pathanamthitta, Kerala from 15th June 2017 till date.

Responsibilities:-

- ◆ Responsible for the Maintenance/service of critical medical equipment inside the Hospital such as BP Apparatus, Patient Monitoring System, Sterilizer, Ventilators, Defibrillator, Nebulizer, Laboratory equipment etc.,
- ◆ Providing assistance for Service engineers from various vendors like GE, Drager, Philips, BPL etc., for maintenance and service of various medical equipment like Anesthesia Work station, ECG Machine, Patient Monitoring System, Ventilators, PET/CT,X-Ray, Ultra Sound Scanner etc.,,
- ◆ Responsible for document management of all the equipment of hospital comes under Biomedical Engineering during the audit.

INTER PERSONAL SKILLS:

- Very confident, optimistic, and ready for challenges.
- Adapt quickly to changing environment.
- Hard worker, enthusiastic, competent and strong team player.
- Ability to deal with people diplomatically.
- Willingness to learn and update myself with new methodologies and technologies

ACHIEVEMENTS:

- Secured fifth prize in the **IEEE ASIA zonal level project competition** organized by Holy Grace Engineering College, Mala.
- Participated in **"SS12 PROJECT COMPETITION & MAKER FAIRE 2016"** organized by Kumaraguru College of Technology, Coimbatore.
- Participated in **IBETO** or "Innovations for a Better Tomorrow", **National level pursuit**, hosted by Excel, the national annual techno managerial fest conducted by Govt. Model Engineering College, Kochi.

PROFESSIONAL TRAINING:

Student Internship: Sunrise Hospital, Kakkanad, Ernakulam
Lourdes Hospital, Pachalam, Ernakulam

Workshops Attended:

- **"BIOSIGNAL AND IMAGE PROCESSING using NI LabVIEW" & "PATENTS AND PROCEDURES"** conducted by the Department of Biomedical Engineering, Sahrdaya College of Engineering and Technology, Kodakara.
- **"ENABLING TECHNOLOGIES FOR HEALTH CARE"** workshop organized by **IEEE EMBS**(Engineering in Medicine & Biology Society) Kerala chapter & Rajagiri BIRDS (Biomedical Instruments and Research Development Society) at Rajagiri School of Engineering & Technology, Kakkanad, Ernakulam.

PERSONAL DETAILS:

D.O.B: 09-06-1995

Nationality: Indian

Gender: Female

Marital Status: Single

Languages Known: English, Hindi, Malayalam

Passport No: N1230764 (Expiry date: 16 /07/2025)

Address: Kunnel (H), Perumpally (P.O), Mulanthuruthy, Ernakulam, Pin: 682314

Thank you for taking the time to consider my C.V. application, and I look forward to hearing from you
– **Johnncy Susan Aelias**