

SURYA B

BIOMEDICAL ENGINEER

E-mail ID: surya.biomedicalengineer@gmail.com

Mobile: +91-9003942656

LinkedIn Id: <http://www.linkedin.com/in/surya-b-67a61a250>



CAREER OBJECTIVE:

Motivated and detail-oriented Biomedical Engineer with a strong background in medical device design and development, seeking an entry-level position to apply my technical skills and knowledge in improving healthcare outcomes and contributing to the advancement of medical technology.

EDUCATIONAL QUALIFICATION:

S.No.	EDUCATION	SCHOOL/COLLEGE	YEAR OF PASSING	BOARD/UNIVERSITY	PERCENTAGE
1	B.E. (BIOMEDICAL)	Paavai College of Engineering, Namakkal	2024	Anna University	83.6%
2	HSC	Wisdom Matric.Hr.Sec.School	2020	State Board	81.16%
3	SSLC	Wisdom Matric.Hr.Sec.School	2018	State Board	95.8%

EXPERIENCE

S.No.	COMPANY	ROLE	START DATE	END DATE
1	FACE PREP	APTITUDE TRAINER	29-1-2024	2-1-2025

CERTIFICATIONS & RECOGNITIONS:

- HANDS-ON TRAINING – KAV BIOMEDICAL EQUIPMENT TRAINING AND EDUCATION
- HOSPITAL TRAINING – MM HOSPITAL, NAMAKKAL
- NAAN MUDHALVAN-- EMPLOYABILITY SKILLS DEVELOPMENT TRAINEE PROGRAMME
- HOSPITAL TRAINING--SPMM HOSPITAL, SALEM
- WORKSHOP—REAL TIME APPLICATION OF IoT IN HEALTHCARE

SOFT SKILLS:

- TECHNICAL SPEAKING
- PROBLEM SOLVING
- TEAM LEADERSHIP
- DECISION MAKING **SOFTWARE SKILL:**
- Python – BEGINNER LEVEL
- MATLAB – BEGINNER LEVEL

TECHNICAL KNOWLEDGE:

- Biomedical Instrumentation - Basics
- Anatomy and Human Physiology - Basics
- Pathology and Microbiology - Basics
- Diagnostic & Therapeutic Equipment - Basics
- Rehabilitation Engineering – Basics

ACADEMIC PROJECTS:

1. IoT ENABLED DRUG DELIVERY SYSTEM USING ESP8266

We have designed a Smart Mobile monitored Syringe pump and published a paper in “**IJRERD**”. The Smart Syringe pump works on the basis of IoT techniques. We can operate the Syringe pump remotely by using a mobile phone. The mobile works as a transmitter and when the ESP 8266 is connected with a Wi-Fi network it acts as a receiver that is the main processor used in the entire project.

2.PULSE OXIMETER

It obtains the oxygen concentration in the blood stream by the light emitted from the sensor. The light flows through the blood stream which is absorbed by the Oxygen molecules in the blood then the remaining light is sensed and measured by the photo diode.

LANGUAGES KNOWN:

- **TAMIL:** READ-WRITE-SPEAK (Proficient)
- **ENGLISH:** READ-WRITE-SPEAK (Intermediate)
- **TELUGU:** SPEAK(Intermediate)

DECLARATION:

I hereby declare that the information provided above is true and accurate to the best of my knowledge and belief

PLACE:

DATE:

SIGNATURE

B. Shty