



VAISHNAVI G

BIOMEDICAL ENGINEER

+91 6384625356 vaishnaviganapathy2003@gmail.com

ABOUT ME

An ambitious biomedical engineer looking for professional development opportunities in a biomedical company to utilize my problem-solving abilities and technical knowledge in a collaborative and innovative environment, and to foster continuous learning.

EDUCATION

2021-2025	Undergraduate Degree, Biomedical Engineering - 7.5 Sri Shakthi Institute of Engineering & Technology, Coimbatore
2020-2021	Higher Secondary Certificate Bio Math - 85% Noble Matriculation Higher Secondary School , Virdhunagar
2017 - 2018	Secondary School Leaving Certificate - 78% Noble Matriculation Higher Secondary School , Virdhunagar

PROJECTS

Smart Portable Nebulizer System

Designed and developed a compact, sensor-integrated nebulizer using Raspberry Pi Pico to monitor real-time medication delivery, airflow, and patient vitals for personalized respiratory therapy.

GABA Neurotransmitter Health Level Detection System

Engineered a health monitoring system to estimate GABA neurotransmitter levels and nerve activity patterns using biosensors and signal processing, targeting early detection of neurological imbalances.

SKILLS

- Quality Controller
- Calibration
- Service / Sales
- Equipment Designing
- Instrumentation
- Communication

INTERNSHIPS

- Field Marketing Trainee | Phoenix Medical Systems, Chennai (5-month Internship) – Gained hands-on experience in medical device marketing, customer outreach, product promotions, and field visits to hospitals and clinics 2024 - 2025
- Interned in “Critical care equipment maintenance and troubleshooting” - AMTZ, Vizag in 2024.
- Completed a hospital training on “Advanced biomedical and Ophthalmological Equipments and Artificial Intelligence at Deepam Hospital, Chennai - 2023.
- Completed a hands-on training on “Signal Processing Techniques using LabVIEW and Arduino” conducted by Prashan Medical Technology in 2023.
- Completed an Internship course of hospital training conducted by Aradhana Hospital in 2022.
- Completed an Internship training on “Electron Devices and Bio-circuits” in 2022 conducted in Enthi Technologies -2022
- Have got trained on "Radiological Equipment" at Clarity Image Diagnostic Center in Ramanathapuram, Coimbatore - 2022

WORKSHOPS

- Participated in the workshop on “Application of Ultrasound Machine” at Cyrix Healthcare Private Limited - Kochin in 2023.
- Participated in one day workshop on “Biomedical Devices” conducted by Atheena Paandian Private Limited in 2023.
- Completed a training on “Pharmaceutical Testing Devices” at Pharmag instruments in 2022.
- Participated in one day hands-on-training on Biomedical Instrumentation held by Prashan Medical Technologies in 2022.