



ASHWIN SIBI

TRAINED BIOMEDICAL ENGINEER

CONTACT

+91 9074292300

<https://www.linkedin.com/in/ashwin-sibi-2357nwa>

ashwinwxyz007@gmail.com

Bangalore

SOFT SKILLS

- Problem Solving
- Decision Making
- Leadership
- Project Management
- Strong Communication

TECHNICAL SKILLS

- Microsoft Office
- Photoshop
- Computer Literacy
- Cinematography
- Embedded Systems

LANGUAGES

- English
- Malayalam
- Tamil
- Hindi
- Japanese

OBJECTIVE

An ardent Electronics and Communication Engineer trained in Biomedical Instruments, seeking prospects to use my skills and abilities in driving advancements at the intersection of healthcare and technology.

TRAINING & CERTIFICATIONS

Advanced Training in Biomedical Applications

Harvey Biomedical, Bangalore from 05th Feb 2024 - 26th Mar 2024.

PRODUCT EXPERTISE:

- Patient Monitor (COMEN - Star8000E and CONTEC-CMS8000)
- Defibrillator (Nihon Kohden - Cardiolife)
- Defibrillator Analyzer (Rigel Medical-UniPulse 400)
- Electrosurgical Unit (Erbe-Vio300s)
- Oxygen Concentrator (KONSUNG-KSOC-5)
- Fetal Monitor (COMEN-Star5000E)
- Syringe pump (Smiths Medical- Graseby 2100)
- Infusion pump (AKAS-Infumax)
- Patient Simulator (Rigel Medical- UNI-SIM)
- Autoclave (Confident Dental Equipment-Steriline+)
- ECG Machine (Nihon Kohden-Cardio fax M)
- Dental X ray (Poskom-Rextar LCD)
- PSP Scanner(Confident Dental Group - Fussen and RVG)
- ICU Ventilator (Skanray - SkanRespiro)
- CPAP / BiPAP Machine (Philips Respironics, Dreamstation)
- Anaesthesia Workstation (Skanray - Athena)
- Hematology Analyzer (Horiba-MICROsemi)
- Electrolyte Analyzer (Horiba-Yumizen E100)
- Electrical Safety Analyzer (Rigel Medical-288+)
- Electro Surgical Analyzer (Rigel Medical - Uni-Therm ESA)
- Semi Automated Biochemistry analyzer-(Horiba-Yumizen CA60)
- Fully Automated Biochemistry Analyser (Labsystems Nanolab 150)

WORKSHOP

- Webpreneurship (IIT Bombay)
- Starc Expo (IEEE)
- Robotics & Automation
- Electric & Future Mobility (Kerala VOLVO & KSEB)
- Computer Vision (IEDC)
- Project Management

ACHIEVEMENTS

- Handball (District Level)
- Volley Ball (District Level)
- E Sports Participation
- Covid Tracer - Software & Application (Funding by KSCSTE)

HOBBIES

- Football
- Basketball
- Movies
- Music
- Calisthenics
- Podcasts
- MMA

PERSONAL DETAILS

Name : Ashwin Sibi
Father's Name : Sibi Joseph
Mother's Name : Jeena Sibi
DOB : 24 OCT 2000
Marital Status : Single
Nationality : Indian
Per-Address : Kannamtharapel (HO), Kannur(D) , Alakode(PO) PIN: 670571

EDUCATION

- *B.Tech, Electronics & Communication Engineering* 2019-2023
Toc H Institute Of Science & Technology. CGPA: 7.50
- *12th (HigherSecondary)* 2018-2019
Kailasanadha Vidyanikethan School Percentage:79.95 %
- *10th (High School)* 2016-2017
St Mary's Convent School CGPA: 10

INTERNSHIP

05\02\2023 -05\04\ 2023

- Attended a Two-month internship training on 'Advanced Driver Assistance System Level 1' offered by ReynLab through Techmaghi.
- Participation in the onsite training at ReynLab, Chennai, which included Systems Engineering of ADAS Functions, Vehicle dynamic modelling with Simulink.
- Also done live projects in Systems Engineering of Emergency Breaking System with Hardware interfaces, Develop and test 'Drive By Wire" Control system and "Steer By Wire" Control System.

PROJECT

MODEL: "IOT BASED SMART FARMING TECHNIQUES AND FORECASTING"

Strength of Team: 4 Members

Description:

- Our automated farming system, powered by 10T sensors, gathers real-time data on soil conditions and weather, predicting crop growth and harvest times via machine learning.
- Automated alerts on irrigation and pest issues optimize yield and resource use. With remote monitoring, farmers make data-driven decisions, enhancing crop management.
- Live weather updates and rainfall predictions aid in proactive planning. Additionally, our system identifies nutrient deficiencies, issuing warnings to boost crop efficiency.

Status: Completed

DECLARATION

I hereby declare that the above particulars of facts and information stated are true, correct and complete to the best of my belief and knowledge.

DATE :

PLACE :

ASHWIN SIBI