**DEVADHARSHINI R**

Contact no : 9824858814

Email ID : devadharshiniraju7@gmail.com

LinkedIn ID : <https://www.linkedin.com/in/devadharshini-r-4603b5255/>

Location : Coimbatore

**CAREER OBJECTIVE :**

To secure an opportunity where I can leverage my skills and knowledge to drive innovation, tackle challenges, and contribute to the organization's growth and success.

**ACADEMIC BACKGROUND :**

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE** | **INSTITUTION** | **YEAR OF**  **PASSING** | **PERCENTAGE/**  **CGPA** |
| B.E  Biomedical  Engineering | Karpagam Academy of Higher  Education, Coimbatore. | 2026 | 8.3\* |
| HSC | Alvernia Matriculation Higher  Secondary School, Coimbatore. | 2022 | 61.5 |
| SSLC | Alvernia Matriculation Higher  Secondary School, Coimbatore | 2020 | 63.8 |

**INTERNSHIPS :**

* **Place :** KG Multispeciality Hospital, Coimbatore.

**Duration :** July 2023

**Learning Outcomes :** Gained knowledge on standard safety protocols, hygiene practices, and the importance of equipment calibration and maintenance.

* **Place :** Sunshiv Electronic Company, Coimbatore.

**Duration :** December 2023

**Learning Outcomes :** Gained hands-on experience in soldering and PCB design.

* **Place :** CECRI-Central Electrochemical Research Institute, Karaikudi.

**Duration :** May 2024

**Learning Outcomes :** Gained practical knowledge about Chromatography and Spectroscopy.

**PROJECT DETAILS :**

* **Title : Autonomous Food Feeding System**

**Objective :** Designed for individuals with upper limb disabilities**.** Autonomous food feeding system that can assist these individuals in eating with minimal external help, thereby enhancing their quality of life.

* **Title : Identification of smart bandage for varicose vein patients**

**Objective :** Collaborated with a multidisciplinary team to research and design a smart bandage solution tailored for varicose vein patients.

* **Title : Smart band for measuring heart rate and blood pressure using PPG Sensor**

**Objective :** Developed a wearable smart band prototype capable of monitoring heart rate using PPG

sensors.

**AREA OF INTEREST :**

* Medical Devices and Instrumentation
* Wearable Health Monitoring Systems
* Healthcare Technologies

**TECHNICAL SKILLS :**

* **Programming Language :** C,C++(Basics), Python
* **Web Technologies :** HTML, CSS
* **Applications :** MS Office, Power Point, Excel

**PERSONAL TRAITS :**

* Team collaboration.
* Communication.
* Goal-oriented.

**CERTIFICATES :**

* Course completed in “Fundamental of Artificial Intelligence” and “ Biomechanics” by NPTEL
* Course completed in “Cloud Computing” and “Networking” by Simplilearn.
* Certified in Introduction to C, SQL, Python - By Sololearn.

**ACHIEVEMENTS :**

* Secured 3rd prize in the National Science Expo-2024 at Karpagam Academy of Higher Education.
* Secured 3rd prize in Ekklesia-23 at Ramakrishna Engineering College.
* Received certification for attending and contributing to the HACKATHON ON SPARKHACK-24 at Karpagam College of Engineering.

**DECLARATION :**

I hereby declare that the above details and information stated are correct to the best of belief and knowledge

Place : Coimbatore

Date : **[DEVADHARSHINI R]**