

# Madhusudhan P

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<b>EDUCATION</b>	<b>Dayananda Sagar College of Engineering, Bangalore, India</b> <b>Bachelor of Engineering in Medical Electronics</b> CGPA: 6.43/10	Sep 2020
	<b>Vidhya Ashram, Mysore, India</b> <b>Pre-University College</b> Percentage: 57/100	MAY 2014
	<b>Maharshi Public School, Mysore, India</b> <b>CBSE Board of Secondary Education</b> CGPA: 8.2/10	MAY 2012
<b>SKILLS</b>	<b>Software:</b> Airtable, Strapi, MS Word, MS Excel, MS PowerPoint <b>Soft Skills:</b> Communication, Leadership, Teamwork, Networking <b>Language:</b> English, Kannada, Hindi	
<b>EXPERIENCE</b>	<b>Skipperfit</b> <b>Platform Operations Executive</b> <ul style="list-style-type: none"><li>• Manage content updates across the platform</li><li>• Overseeing day-to-day activities of fitness trainers and clients</li><li>• Briefing the design team for trainer profile</li><li>• On boarding trainers on the platform</li><li>• Co-ordinating with clients and trainers for smooth operations</li><li>• Calling leads to understand their requirements and following up with them</li></ul>	November 2021 - April 2021
	<b>Mahalasa Medical Technology, Bangalore, India</b> <b>Biomedical Engineer Intern</b> <ul style="list-style-type: none"><li>• Explored and studied on Stereotactic frame, Neuro Head frame, Fibrillator, Cardiac Chambers designed by the company</li><li>• Participated in a consultancy program to observed various departments in the hospital to gain knowledge of OT and ICU equipment's</li><li>• Facilitated power point presentation on ICU ventilators and anesthesia machine</li><li>• Acknowledged for exhibiting good presentation skills and report writing</li><li>• Submitted a report on Biocompatibility Test for Stereotactic head frame as per European standards</li></ul>	Jul 2019-Aug 2019
	<b>Durga, NGO, Bangalore, India</b> <b>Volunteer</b> <ul style="list-style-type: none"><li>• Participated in launching VOICE Labs in Dayananda Sagar College of Engineering to promote women safety in colleges</li><li>• Directed and led workshops to promote womens' safety for more than 100 government school children</li><li>• Communicated with a wide range of people of ages 16-60 years, by showing interest and carefully listening</li><li>• Offered support in outreach activities and promoted the importance on women safety on campus</li><li>• Organized events to promote a safe environment for women</li><li>• Acknowledged for my consistent support and participation on the issue of women safety</li></ul>	2016-2017
<b>ACADEMIC</b>	<b>Dayananda Sagar College of Engineering</b>	May 2018

**PROJECTS****Alcohol Level Tester**

- Engineered a Cloud Based Breathalyzer medical device for estimating blood alcohol content from a sample of breath using Arduino programming
- Supervised a four-man team, facilitated project completion according to timeline

**Dayananda Sagar College of Engineering**

June 2020

**Approximating the activity of Lower Limb Muscle using Wearable EMG sensors**

- Designed and approximated the activity of lower limb muscle using wearable systems to record the distal EMG signals
- Designed the hardware design, obtained high accuracy of the model and analyzed the muscle activity
- Successfully completed the project by obtaining high precision in evaluating the activity of the muscle
- Supervised a three-man team, facilitated project completion according to timeline

**ACTIVITIES****THE INSTRUMENT SOCIETY OF INDIA-STUDENT CHAPTER**

2017-Peresent

**Member**

- Participated in monthly meetings and events organized by the committee

**Centre for Innovation & Leadership**

- Successfully completed Dynamic Skills Integrated Program module design and delivery