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**PROFILE SUMMARY**

* Proficient in finding and resolving malfunctions, using good technical and communication skills.
* An effective communicator with good interpersonal, logical thinking & analytical abilities.
* Proficient in handling quality customer service operations, organizing process strategies, and building relationships with various groups.

**SCHOLASTIC**

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| **Qualification** | **Institute** | **University** | **Percentage** | **Year** |
| Bachelor’s degree in Electronics Engineering | Fr. Conceicao Rodrigues College Of Engineering, Bandra | Mumbai University | CGPA- 8.90/10  **(2nd rank holder)** | 2015-2019 |
| H.S.C | D.A.V. Public School, New Panvel | Central Board of Secondary Education | 95% | 2015 |
| S.S.C | D.A.V. Public School, New Panvel | Central Board of Secondary Education | 96.2% | 2013 |

**TECHNICAL SKILL SET**

**Languages**: C, JAVA, Python, R, Assembly.

**Software and Tools**: MySQL, MATLAB, MS Excel, Keil, Proteus.

**PROJECTS UNDERTAKEN**

## ACTIVE NOISE CANCELLATION

In this project, a noise-cancellation system is build using DSK. Least Mean Square algorithm to alter the output of the adaptive filters in LMS algorithm such that it would be phase shifted by 180 degrees and sent to a speaker to generate the anti-noise sound, which would cancel noises.

## TRANSCUTANEOUS ELECTRICAL NERVE SIMULATION

It is the use of electrical signals produced by a device to stimulate nerves for therapeutic purposes. The output of the unit is connected to the region of pain using two or more electrodes (gel pads). The project makes use of simple off the shelf components to make the core blocks of a TENS device - waveform generator, current limiter, voltage limiter and DC-DC step up converter. The device has a single channel (with two electrodes) output. An electronic stimulus generator transmits pulses to the electrodes which are placed directly on the skin.

## ELECTROMAGNETIC LEVITATION

Built a magnetic levitator which would suspend objects at a set distance below an electromagnet.

**SCHOLASTIC ACHIEVEMENTS AND EXTRA CURRICULAR ACTIVITIES**

* Was felicitated by Fr. Conceicao Rodrigues College of Engineering with the Certificate of Achievement for securing 1st position in Second Year Electronics during AY: 2016-17.
* Received the ‘Academic Excellence Award’ for excellent performances in class 10th and 12th.
* Captained the department football team and secured 3rd place in intra college football 2018-2019.
* Achieved 1st place in Raigad district level football in 2011.
* Part of the Organizing team for the ‘Arduino-Day’ event held in the Academic Year-2017.
* Active Volunteer of the Art Of Living which is a humanitarian and educational non-governmental organization
* Participated in various social activities as an active member of the Rotaract club of Panvel Industrial Town (RCPIT).
* As a part of community social service, I teach basic science and language to the under-privileged children in my locality for free.