

## Muzammil Dalvi

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### EDUCATION

<b>Terna Engineering College , Nerul(West)</b> B.Tech in Mechatronics Engineering	Nov 2022 - May 2026 GPA: 4.0
<b>Abdul Razzak Kalsekar Polytechnic , New Panvel</b> Diploma in - Mechanical Engineering	Aug 2019 - Jun 2022 GPA: 6.47
<b>S.K.Pantvalavalkar English Medium School , Nehru Nagar , Kurla (East)</b> Schooling - S.S.C	Jun 2008 - Apr 2019 GPA: 5.58

### SKILLS

Functional :	Team Work , Communications, Good Listener, Writer, Helpful Nature
Technical :	Embedded C , Matlab Simulation, Python, Auto Cad Design - 2D & 3D , Automobile Design
Embedded System :	Fluent in Embedded C - Assembly language , knows how to write and run a code in assembly language for embedded systems
MATLAB Design :	Can design model very effectively in MATLAB software and learned how to design and virtually run the designed system , created model such as - Spring Mass Damper System , PID Controller , etc

### PROFESSIONAL EXPERIENCE

<b>Ampnics - Mumbai</b> Research & Developer Intern	May 2024 - Jul 2024
<ul style="list-style-type: none"><li>• Works as a R&amp;D Intern in Ampnics , where i help for finding solutions various technical problems</li></ul>	
<b>Ampnics - Mumbai</b> Content Writer	Aug 2024 - Oct 2024
<ul style="list-style-type: none"><li>• Work as content writer - I write various article for the organization about latest innovation and leading technologies and engineering advancement and new research</li></ul>	
<b>Modi Hyundai Auto Mobile - Kurla, Mumbai</b> Repair Trainee	Feb 2022 - Apr 2022
<ul style="list-style-type: none"><li>• works as an intern in service trainee in one of the Hyundai branch in the mean time of my diploma studies - my role is to check the vehicle and to find out the problem and inform senior engineer</li></ul>	

### PROJECTS

<b>IOT Based Temprature</b>	Jul 2024 - Nov 2024
<ul style="list-style-type: none"><li>• Still working on this project</li><li>• as this project is presenting the prototype , where we will create a model of temprature controller which brings down the temprature to required/set value temprature with the help of iot devices and apps , it will shows the status on LCD Display , and to show the ONN &amp; OFF status we attach a fan which gets supply from DC motor</li><li>• IOT App used - Blynk IOT</li></ul>	
<b>Non Contact Magnetic Gears</b>	Nov 2022 - Apr 2023
<ul style="list-style-type: none"><li>• Me and my team made non contact gears - works on magnets ti avoid wear &amp; tear which is most facing problems in automobile and replacement of its cost very high , so we decide to design it in non contact way with help of magnets and which works on magnetic fields cause less or almost no wear &amp; tear</li><li>• We drive this idea to evolve the automobile industries and cars and their owners by helping them saving money and their car performance and save their time</li></ul>	
<b>Industrial Survey</b>	Mar 2022 - Apr 2022
<ul style="list-style-type: none"><li>• It is our group project for diploma college where we did industrial survey of very respected automobile company - Hyundai Automobile Pvt Ltd.</li><li>• where we allow to know what work done there and how the employee do their work and treat the diagnosis in vehicle and the solution they provide for technical faults</li></ul>	