

# Pawar Tamanna Sureshbhai

Second Year Undergraduate  
Department of Electrical Engineering

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## Education

Degree	Institution	CPI	Year
B.Tech	IIT Gandhinagar	6.04	2021 - Present
Class XII	Shree Sarasvati Vidhyalaya, Gandhinagar	81.85	2020-2021
Class X	Shree Sarvajanik Vidhyalaya, Mehsana	85.67	2018-2019

## Projects

- **Pothole detector**(Advisor - Professor Udit Bhatia, IIT Gandhinagar) [Jan-April 2022]
  - Developed a real-time pothole detection system using Arduino Uno, Force sensor and GPS module.
  - Implemented an algorithm to analyse force sensor data and identify pothole events.
  - Led a team of 25 members for seamless integration of hardware and software components.
- **V8 engine 3-D model**(Advisor - Professor Jayprakash KR, IIT Gandhinagar) [Jan-April 2022]
  - Designed a highly detailed 3D model of a V8 engine using Autodesk Inventor Professional.
  - Modelled individual engine components with precision, ensuring accurate representation.
  - Collaborated with a team of 10 members to optimise the model's performance and visual appeal.
  - Presented in animation form to showcase intricate details and textures.
- **Personal Portfolio** | [Project Link](#) | [Code folder](#)
  - Proficient in building web application using ReactJS, focusing on creating a personal portfolio website to showcase skills, projects and achievements.
  - Created a dedicated section to show personal projects, including detailed descriptions, images, and links to live demos and code repositories.
  - Highlighted skills and areas of expertise, using visual aids or icons to communicate proficiency levels.
  - Provided downloadable resume versions, Including contact information and links to social profiles for easy connection and communication.
- **Image searching app** | [Project Link](#) | [Code folder](#)
  - Proficient in developing web applications using HTML, CSS, and JavaScript.
  - Successfully integrated third-party APIs, to fetch and display image search results within the app.
  - Utilised JavaScript to add interactivity and dynamic functionality to the app, including real-time search updates design.
  - Developed a responsive design to ensure the app functions shamelessly on various devices.
- **E-commercial website** | [Project Link](#) | [Code folder](#) [Jan-April 2023]
  - Created a dynamic e-commerce shopping website utilising HTML, CSS and Bootstrap framework.
  - Generated a visually appealing and user-friendly interface, ensuring seamless navigation.
  - Conducted thorough testing and debugging to ensure proper functionality and browser compatibility.
  - Customised and styled website elements using CSS and Bootstrap to enhance the website's aesthetics and design coherence.
- **Portfolio website** (Metis - Coding club at IIT Gandhinagar) | [Project Link](#) | [Code folder](#) [Jan-April 2023]
  - Constructed an intuitive and attractive interface to highlight projects, abilities, and successes.
  - Optimised website performance through efficient code implementation and image optimisation techniques.
  - Applied JavaScript to add interactive elements, such as dynamic animations and smooth transitions, enhancing user engagement.
  - Cooperated with a group of 3 developers to guarantee operational continuity and reliability.

## Relevant Courses

- Completed 'Web Development CSS3 and HTML5' course from Coincent (IIT Guwahati) [Feb-April 2022]

## Achievements

- Secured **1st rank** in Professor A.R.Rao geometry competition in the district Mehsana. [Sept 2018]

## Skill Summary

- **Languages:** HTML 5, CSS, Javascript, React[ongoing].
- **Tools:** Autodesk Inventor Professional, Canva.

## Extra-Curricular Activities

- **Sports:**
  - Managed a group of 50+ students team in the intramurals foundation programme at IIT Gandhinagar.
  - Active engaged in various sports, including badminton, squash and basketball.
- **Arts and Culture:** Participated in Inter IIT cultural meet and was a dance club member.