Pawar Tamanna Sureshbhai

Second Year Undergraduate
Department of Electrical Engineering

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LinkedIn   **GitHub**

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 Sarvajanic Vidhyalaya, Mehsana	85.67	2018-2019

Projects

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

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:**
  - o   Managed a group of 50+ students team in the intramurals foundation programme at IIT Gandhinagar.
  - o   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.