KAVAN DESAI

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SUMMARY

As a dedicated Electronics and communication student, I am passionate about technology and innovation. With a solid foundation in electrical circuits, digital electronics and programming languages, I am eager to apply my theoretical knowledge to real-world challenges. Through coursework and hands-on projects, I have honed my skills in circuit analysis, microcontroller programming and embedded systems design. Seeking internship opportunities to gain practical experience and further enhance my expertise in the field of electrical engineering.

EXPERIENCE

ABU Robocon 2023:   **October 2022 to July 2023**

Technical team member of team falcon(at college)

The ABU Asia-Pacific Robot Contest (ABU Robocon) is an Asian-Oceanian college robot competition, In the competition robots compete to complete a task within a set period of time.

- I acquired skills like PCB designing & soldering, Arduino program, Sensor interfacing etc. during my time as a member.

Sutaria Electronics: **August 2023 to Sep 2023**

PCB design intern

- I designed PCBs for digital panel meter & gained knowledge on software like OrCAD.

EDUCATION

L. J Institute of Engineering and Technology   **November 2020 to May 2024**

Bachelor's of Engineering in Electronics and Communication Technology   **CGPA – 6.85/10.0 (Till sem-6)**

- **Relevant Courses:** Basic electronics, Basic C & Python, Microcontoller, VLSI, Embedded system, IOT, Signal and system, Web development, Arduino

PROJECTS

Smart Trolley (Group project):

The primary goal of this project was to develop a smart trolley that leverages IoT capabilities to streamline the shopping process. By integrating advanced sensors, microcontrollers, and wireless communication, the Smart Trolley enables seamless interaction between users and their shopping items.

SKILLS

Technical Skills:

Embedded system, Communication protocols, Arduino Programming, PCB designing and soldering, Python, C, HTML, CSS

Software:

Visual studio, Arduino IDE, Anaconda Navigator, MATLAB, Xilinx ISE, Eagle, OrCAD, Proteus

STRENGTHS

Analytical thinking, Team collaboration, Time Management, Continuous Learning, Fast Learner

EXTRACURRICULAR ACTIVITY

Workshop:

Attended ROBOCON Workshop 2021:

- Attended Robocon Workshop conducted in College and selected as a junior team member of TEAM FALCON for the ROBOCON 2023.