ADITHI V SHETTY

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An aspiring tech enthusiast, analytical minded and creative team-playing engineering graduate, seeking an opportunity to position myself in challenging tasks that enables me to apply my technical skills towards the growth of the company, gain hands-on experience, and contribute to cutting-edge projects in the industry to achieve a responsible position and personal goal.

EDUCATION

B.E - Electronics & Communication Engineering   2019 – 2023   CGPA: 9.28
Mangalore Institute of Technology & Engineering, Moodabidri

Senior Secondary School - CBSE   2019   Percentage: 83
Jawahar Navodaya Vidyalaya Chara, Udupi

Secondary School - CBSE   2017   CGPA: 9.2
Jawahar Navodaya Vidyalaya Chara, Udupi

TECHNICAL SKILLS

Languages   : Python, C, C++, JavaScript, SQL.
Interface   : HTML, CSS.
Tools   : Keil Version 4, GNU Octave, Xilinx ISE, Solid Edge, NI Multisim, Microsoft Excel.
Technologies   : Web development.

PUBLICATION

Published a paper titled **"Review on Supercapacitor as Energy Storage System"** in the **Technix International Journal of Engineering Research (TIJER)** Volume 10, Issue 5 on May 2023.

https://tijer.org/viewpaperforall?paper=TIJER2305165

INTERNSHIPS

DLithe | Intern   June 2022 - August 2022

Technologies: Arduino, Embedded system, IoT.

- Gained hands-on experience with various microcontrollers, sensors, and actuators.
- Worked on various microcontrollers, SoC, sensors, and actuators with real-time web server development activities using C programming.
- Acquired knowledge of SPI and UART communication protocols and PCB fabrication.

Flextronics Technologies (India) Pvt Ltd | Intern   February 2023 - March 2023

- Involved in understanding the basic concepts of computer networks and networking components.
- Gained knowledge on testing and the role of fault analysis in the field of testing. Analyzed the problem statements and came up with appropriate solutions.

- Developed software testing programs for networking components, focusing on power cycle tests.

PROJECTS

A Power Supply using Supercapacitor Storage Powered by Solar PV Cells

- Fabricated an efficient supercapacitor device and demonstrated the glowing of a set of LEDs using the fabricated supercapacitor and compared its performance with commercial supercapacitors.
- Demonstrated the viability of using supercapacitors as a robust energy storage solution.
- The project got selected for sponsorship in **Karnataka State Council for State and Technology (KSCST) 46th Series student project 2022.**

Gesture and Sign translator glove

- Designed a wearable glove using Arduino, flex sensors, and an accelerometer to translate sign language into spoken English. It makes speech-impaired individuals to communicate more easily with the general public.
- The main feature of the prototype includes a gesture recognizer that is portable and reduces the necessity of learning sign language gestures for normal people.

COURSES & CERTIFICATIONS

- Completed a 2-month Internship in **Data Science** at Corizo, from October 2022-December 2022.
- Competed a course on **Data Structures** by the University of California San Diego, Coursera, March 2021.
- Completed a course on **Introduction to the Internet of Things and Embedded Systems** by the University of California Irvine, Coursera, July 2022.
- Completed a course on **Data Science & Machine Learning** by Edyst, in September 2022.

ACHIEVEMENTS

- Participated in the 46th Series of SPP organized by Karnataka State Council for Science and Technology (KSCST) and received "Best Project of the Year" during the state level Seminar and Exhibition on August 2023.
- Secured 1st place in the Innovation-2023, Annual student project competition, organized by the IEEE MITE Student branch in association with Institution's Innovation Council.
- Secured 3rd position in the State level Ravi Varma art competition held at Shivamogga in the year 2016.
- Participated in the Regional level Kho-Kho competition held at JNV Nizamabad in the year 2017.

EXTRACURRICULAR

- Placement coordinator - Electronics & Communication Student Association (ECSA) 2021-22 & 2022-23.
- Served as the Class Representative for ECE in the year 2021-2022.
- Organized intrabranch events including coding competitions, shark tank, chess competitions, and quizzes for the ECE department in the year 2021-22.