

ARSH RAJ SRIVASTAVA

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🐙 Github

PROFILE

Result-oriented Electronics and Communication engineering aspirant with enthusiasm in designing and developing interactive learning solutions for diverse technologies . Skilled in setting priorities, managing goals, and timelines to maximize productivity. Seeking opportunities to leverage proficiency in E-Learning software and customer-oriented approach for organizational success.

EDUCATION

B. Tech GL Bajaj Institute of Technology and Management	2021 – 2025 Greater Noida, India
Higher Secondary School Children Public Sr. Sec. School	2020

SKILLS

Languages: C, C++, Python Basics, DSA , HTML , JavaScript

VLSI: Hands-on experience with VLSI basics.

Developer tools /Software: MATLAB , Cadence tools , Virtuoso , VS Code, Dev C++, Tina , PSpice.

Technologies/Framework: HTML , CSS , React , NodeJS

Soft Skills: Leadership , Observation , Decision Making , Communication , Public Speaking , Multi-tasking , Critical thinking , Team work .

PROJECTS

LPG Gas Detector using Arduino and MQ6 sensor

- Real-Time Gas Detection : Utilizes the MQ6 gas sensor to detect LPG concentrations in the air accurately. Provides continuous monitoring of the environment to ensure timely detection of gas leaks.

Music Rhythm LED Using BC 547

- Implemented Real-Time Audio Signal Processing : Designed and developed a circuit using the BC547 transistor to amplify audio signals and drive LEDs, creating real-time visualizations and Engineered Dynamic LED Visualization. Developed Efficient and Scalable Circuit Design

Razorpay Clone

- HTML files containing the structure of the payment flow pages.
- CSS files utilizing Tailwind CSS for styling and layout.

WORK EXPERIENCE

Product Developer Intern

Zielony Air Purifier & Conditioner

05/2023 – 10/2023
Greater Noida, India

- Conducted comprehensive testing for the Zielony Air Purifier to ensure performance and safety standards and Implemented modifications to enhance the air purifier's mechanism, improving efficiency.

PR Team - Shrinik Club

Spearheaded marketing campaigns to promote SHRINIK Club events, achieving a 25% boost in student participation and a 30 % rise in social media followers each year

ACHIEVEMENTS & CERTIFICATES

- Runner-up in Ideathon :** Demonstrated creativity, problem-solving skills, and innovative thinking in proposing solutions to empower transportation using Electric Vehicles (EVs) with OCPP Integration, CMS for smart charging and Innovative 5G Integration which will help in creating business module.
- Introduction to Cybersecurity:** Cisco certified
- Cybersecurity Essentials:** Cisco certified
- IOT & Electronics Course:** Infosys Springboard