ANMOL GARG

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Career Objective

To hold a challenging position in a progressive organization where I would employ my skills & knowledge for the growth of the organization along with my personal growth.

Educational Qualification

YEAR	DEGREE	SCHOOL/COLLEGE	UNIVERSITY/BOARD	%/CGPA
2021 - 2025	B.Tech (Electronics Engineering)	RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, JAIS, AMETHI (U.P.), INDIA	Institute of National Importance	**8.54 (Till 4th Semester)**
2020	A.I.S.S.C.E (12th)	B.B.L. PUBLIC SCHOOL, BAREILLY (U.P.), INDIA	C.B.S.E.	**94.80%**
2018	A.I.S.S.E. (10th)	B.B.L. PUBLIC SCHOOL, BAREILLY (U.P.), INDIA	C.B.S.E.	**95.40%**

Technical Skills

Programming Languages	Python, C, HTML & CSS, MATLAB (Basics)
Tools	COMSOL Multiphysics, LTSpice, TINA-TI
Others	MS Office, OriginPro, Latex, Canva

EXPERIENCE

❖ <u>Research Intern</u>   *June 2023 – July 2023*
   Motilal Nehru National Institute of Technology, Allahabad
   ➢ <u>Overview</u>: Research-based project focused on fabricating a self-energy harvesting device based on piezoelectric materials.
   ➢ <u>Work Details</u>: Performed the comparative analysis of different piezoelectric materials using advanced simulation tools like COMSOL Multiphysics to find their potential applications in the biomedical sector and identify a suitable material that can efficiently convert mechanical energy to electric signals.

PROJECTS

❖ <u>Fabrication of Flexible Electrochromic Devices</u>   *July 2023 – Present*
   Project Supervisor: Dr. Vipin Amoli (*Assistant Professor, RGIPT Amethi*)
   Worked on fabricating a multifunctional electrochromic device that can achieve versatile applications. Spray Pyrolysis techniques have been used to fabricate a thin film of WO_3 on the flexible surfaces of ITO-coated PET. Analysis have shown favorable results.

- ❖ <u>Line Following Robot</u>: An Arduino-based robot model that combines line following and obstacle-avoiding capabilities. The construction process involved incorporating various essential electronic components such as motor drivers along with ultrasonic and infrared sensors to achieve its purpose.
- ❖ <u>Walking Panther</u>: An Arduino-based mini-robotic model using servo motors and other basic electronic stuff. This mini robot can walk back and front, turn around and move sideways.
- ❖ <u>ATM Simulator</u>: Python-based project represents the functioning of a typical ATM Machine to perform a lot of functions like changing pins, releasing statements, withdrawing money etc. This project uses certain basic data structures.

LEADERSHIP/VOLUNTEERING

- ❖ Administrative Secretary at RGIPT ACM Student Chapter *August 2023 – Present*
- ❖ Head (Content Writing Team) at RGIPT ACM SC *November 2022 -- Present*
- ❖ Head (Editorial) at Science & Technical Council, RGIPT *April 2023 -- Present*
- ❖ Teaching Volunteer at Gyanarpan, Project Amethi *August 2022 -- Present*
- ❖ Chief Student Editor for the school's annual journal "VISION" *August 2019--April 2020*

BEHAVIORAL STRENGTHS

- ❖ Self-Motivator
- ❖ Enthusiastic Learner
- ❖ Team Player
- ❖ Optimistic
- ❖ Strong Interpersonal Skills

CERTIFICATIONS

- ❖ HTML, CSS & JavaScript (*Udemy*)
- ❖ Introduction to the Internet of Things and Embedded Systems (*Coursera*)

ACHIVEMENTS/PARTICIPATIONS

- ❖ Qualified JEE(Advanced) 2021
- ❖ Received Meritorious Student Award by CBSE for being in the top 0.1 % candidates in A.I.S.S.C.E. exams 2020.
- ❖ Hosted the workshop on "Research Related Solutions for Faculty and Research Scholars organized by IEEE RGIPT SB in collaboration with IEEE UP Section.
- ❖ Won district-level debate competitions.
- ❖ Won district-level essay writing competitions.

Declaration

I do hereby solemnly affirm that all the above stated facts are true and to the best of my knowledge and belief.

Date: …………..   ……………………..

Place: …………..   **ANMOL GARG**