

MANNAT KAUR BHATIA

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MY PROFILE

My interest lies in the areas of Software Development, Technology Consulting, and Product Management. Currently, I am a undergraduate student of BE Electronics and Computer Engineering at the Thapar Institute of Engineering and Technology and I am expected to graduate in August 2024. I believe that my unique combination of leadership, analytical skills and technical skills, combined with my passion and understanding of human behaviour, will enable me to be a strong contributor to the organizations I will be a part of.

EDUCATION

- **Bachelors of Electronics and Computer Engineering, Thapar Institute of Engineering and Technology, India**
Core Modules: Data Structures and Algorithms (DSA), Object-Oriented Programming (OOPs), Database Management Systems, Data Science, Python Programming, Artificial Intelligence, Computer and Communication Networks (CCN), Signals and Systems, Embedded Systems, Information and Communication Theory (ICT).
Expected Grade: Honors Degree (7.97 CGPA till 2nd Year)
- **Class 12th (CBSE), Stepping Stones Senior Secondary School, Chandigarh, India**
Grade: 90.8%

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python
- **Web Programming Technologies:** HTML, CSS, Bootstrap, JavaScript
- **Platform:** Linux
- **Tools:** Arduino, MATLAB, SQL

POSITIONS OF RESPONSIBILITY

Content Head at Thapar Food Festival

- Overseeing TFF's content-related tasks, including developing ideas, contacting sponsors, requesting approval from authorities, and maintaining postings and articles on its social media accounts.

Finance Secretary at Paryawaran Welfare Society

- Overseeing the PWS society's finances; most of my work entails keeping track of accounts and paying payments.

Core Member of Entrepreneurship Development Cell

- My primary responsibility at EDC is to mentor my fellow mates who are interested in entrepreneurship. Additionally, I also served as the primary content writer for the society, and my work was included in its annual magazine, "Bizfanatics."

Group Representative of ENC Batch

- I have maintained my position of Group Representative for two consecutive years now and will be continuing to do so for the remaining tenure as well.

Member of National Service Society (NSS)

- Volunteering for humanitarian work. Till date I've organized regular donation camps (blood, food, clothes etc.) to help the poor around the campus.

Member of Student Consultive Committee

- My primary responsibility is to serve as a bridge between the administration of the institute and the students in my batch. I let the appropriate authorities' figures know about the pupils' comments and problems.

CERTIFICATIONS AND AWARDS

- Understanding the Software Development Life Cycle (SDLC) - Udemy
- Mastering Data Structures & Algorithms using C and C++ - Udemy
- Web Developer Bootcamp (Pursuing) - Udemy
- Learn Python Programming Master Class (Pursuing) - Udemy
- Awarded gold medal for academic excellence in class 10th

PROJECTS

1. Portfolio Website

- This is my portfolio website. It is built with HTML, CSS and JS showcases what I am up to currently with my projects and my skills. The website is deployed on GitHub.

2. RGB Color Guesser Project

- The website allows the user to increase his/her awareness about how different values in the RGB array change the color. The user must guess the color the mentioned at the top of the website [in an RGB array] and choose the correct color from the below 3 or 6 choices depending upon the difficulty chosen by the user.

3. Engineering Design Project (Robocar)

- This project is mostly centred on the fundamental ideas of electronics, such as the construction of circuits, transmitters, and receivers, as well as the principles of Arduino programming. Additionally, it teaches the ideas behind sensors like infrared (IR) and ultrasonic. My role involved coding and putting IR and ultrasonic sensors to use.