



# Rahul Mishra

Bachelors of Engineering

Computer Engineering

Thapar Institute Of Engineering & Technology, Patiala

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[Portfolio](#) | [Coding Profile](#)

[Github](#) | [Linkedin](#)

## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.E. (COE)	Thapar Institute of Engineering & Technology, Patiala	9.27	2019-Present
Senior Secondary	Central Board of Secondary Education	92.4%	2018
Secondary	Central Board of Secondary Education	10.0	2016

## PROJECTS

### • Pushpak: A smart UAV

Enhanced the existing DJI TELLO drone and added functionalities like Keyboard controls, Hand-gesture controls, Face-tracking, and Line-following using Deep Learning and Image Processing.

– **Tools & technologies used:** DJI Tello API, Python, Mediapipe, Deep Learning, Image processing

### • Techie-Calendar

This is a lightweight cross-browser extension that runs in the menu bar and aims at providing information about the upcoming contests on more than 5 major coding platforms.

**Supported Platforms :** CodeForces, CodeChef, Leetcode, Atcoder, HackerRank, HackerEarth, Google Kick Start | [Github](#)

– **Tools & technologies used:** HTML, CSS, JavaScript, Kontests API

### • Task Master

An all-in-one website for students to plan their daily schedule, track attendance and manage expenses and help them get the maximum out of their time in various fields related to both their work and personal life. | [Github](#) | [Live Url](#)

– **Tools & technologies used:** HTML, CSS, Bootstrap, JavaScript, jQuery

## SKILLS

- **Programming:** C/C++, Python, JavaScript, SQL
- **Developer Tools:** VS Code, Jupyter Notebook, Google Colab
- **OS:** Linux, Windows, Mac OS
- **Technologies/Frameworks:** Git/Github, Pandas, Numpy, Tensorflow
- **Web Skills:** HTML, CSS, JS
- **Soft Skills:** Problem Solving, Analytical Thinking, Effective Communication, Teamwork, Leadership

## KEY COURSES TAKEN

Data Structures & Algorithms, Operating System, Database Management System, Computer Networks, Python for Data Science, Object Oriented Programming System

## CERTIFICATIONS

- Simplified Approach to DBMS | [Link](#)
- Programming essentials in Python | [Link](#)
- Data Manipulation in Python | [Link](#)
- Data Structures | [Link](#)

## POSITIONS OF RESPONSIBILITY

- **Orion - The Annual Technical Festival of TIET** July 2020-May 2021  
Core Member
- **Thapar Food Festival** July 2020-May 2021  
Core Member
- **School Council** April 2016-March 2018  
School Vice Captain, House Captain

## ACHIEVEMENTS

- Awarded Merit Scholarship twice, for being among the top 10 % students in COE branch for sessions 2019-20 and 2020-21 by TIET
- Awarded HCL Young Achievers Excellence Award (An initiative of Dainik Jagran)
- Part of the team of 5 students that represented Delhi Region at National Children Science Congress
- Participated in A World In Motion (AWIM), organized by Society of Automotive Engineers International