



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 light-weight cross-browser extension which runs in the menu bar and aims at providing information about the upcoming Coding Contests on various platforms.

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

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

• Task Master

A website for students to fix their daily schedules 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, Matlab
- **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:** Effective Communication, Problem Solving, Analytical Thinking, Team work, Leadership

KEY COURSES TAKEN

Data Structure & 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

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
- Represented Delhi at National Children Science Congress
- Participated in SAE International : A World In Motion Program