TANISHQ RANJAN

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EDUCATION

❖ **National Institute of Technology Delhi**   2021 — 2025
Electronics and Communication Engineering   2nd year Student - CGPA 7.5

❖ **GRM Senior Secondary School , Bareilly**   2019 — 2020
12th   91%

❖ **Army Public School , Bangalore**   2016 — 2019
10th   93.6%

WORK EXPERIENCE

❖ **Full Stack Development Intern , Cyran AI , IIT Delhi**   Jun 2023 — Aug 2023

Ongoing - As of June 2023

PROJECTS

❖ **SortCanva - AlgoVisualizer**   Feb 2023 — Apr 2023

- A web app which helps to visualize the implementation of sorting algorithms (Merge Sort, Quick Sort, etc) and path finding algorithms.
- Tech-stack : **HTML Bootstrap-CSS JavaScript**

❖ **Railway Booking & Management System**

- Tech-stack : **Python Django HTML Tailwind-CSS JavaScript MySQL Express.JS Node.JS**

❖ **WebCam Based intruder Detection & Alert**   Mar 2023 — May 2023

- Tech-stack : **Python , OpenCV , Email Integration**

❖ **Comment/Review Sentiment Analyst**   Mar 2023 — May 2023

- Tech-stack : **Python , Basic Natural language processing , RegEx , Jupyter**

❖ **Python Mini Projects :**   Jan 2023 — May 2023
                                                                4th Semester

- **Parental Web Control - Blacklisting Program** : *Bootstrap CSS , Python , HTML*
- **Weather forecasting Web Application** : *Bootstrap CSS , Python , HTML , Jupyter , API*

❖ **PM2.5 Detection and Air Purification System, NIT Delhi**   Sep 2022 — Dec 2022

- Software(s)/Hardware Employed : ***Arduino Adafruit API/Libraries   PM2.5-Dust-Smoke Sensor***

❖ **Programmable 4-bit ALU, NIT Delhi**   Jan 2023 — May 2023

- Designed a custom instruction set and implemented an assembler in C.
- Software(s)/Hardware Employed : ***Arduino Adafruit API/Libraries ICs Registers***

SKILLS

React	HTML & CSS
Node.js	MySQL
Python	Git / Github
Express.js	Flask
Django	Matlab/Simulink
jQuery	RESTful APIs
C/C++	Docker
JavaScript	Heroku

COURSES

❖ **Data Structures & Algorithms in C++**

Coding Ninjas

❖ **Full Stack Software Development**

IBM - Coursera

❖ **Python Developers BootCamp**

Udemy

❖ **Web Development Bootcamp**

Udemy

POSITIONS OF RESPONSIBILITY

❖ **Training and Placement Coordinator**

Training and Placement Cell , NIT Delhi

❖ **Class Representative**

ECE Dept , NIT Delhi

❖ **Executive Member**

IEEE Chapter NIT Delhi

❖ **Content Head**

Clairvoyance - The Photography Club , NIT Delhi

❖ **Executive Member**

Altius - Sports Club , NIT Delhi