

# ARUN TIWARI

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[Linkedin Profile](#)

## EDUCATION

|                           |           |   |          |
|---------------------------|-----------|---|----------|
| B.TECH(Civil Engineering) | 2023-2027 | Delhi Technological University, New Delhi       | 7.7 CGPA |
| CBSE (Class XII)          | 2022      | Rajkiya Pratibha Vikas Vidyalaya , Lajpat Nagar | 89.6%    |
| CBSE (Class X)            | 2020      | Sarvodaya Bal Vidyalaya No.1, Molarband         | 85.8%    |

## INTERNSHIP

**Delhi Metro Rail Corporation (DMRC) | (O&M) |**

Dec 2024 – Jan 2025

- Assisted in **structural inspections** (piers, pile caps, bearings, pedestals) under **Bridge Line Operations (BLO)**.
- Worked on **civil maintenance** of platforms, drainage, and waterproofing on **Lines 6 & 2**.
- Gained experience in **track and sleeper maintenance** at **Yamuna Bank Metro Depot** with the **PEWAY** department.

## PROJECTS

**Road Accident Data Analysis Using Power BI**

- Developed** interactive **POWER BI dashboard** visualizations for accident locations , types , severity levels & contributing factors.
- Evaluated **3000+ rows** , **21 columns** of open datasets & employed time-intelligent functions for data integration.

**Regional Sales optimizations | Python | SQL**

- Implemented** processing and cleaning of datasets of **1000+** records in jupyter notebook , included handling and missing values, renaming columns , creating new features like discount , sale price and **Profit**.
- Identified 10** highest-revenue products and top **5** best-selling items in each region. Optimized data for efficient analysis in SQL server.

## ACHIEVEMENTS AND EXTRA-CURRICULAR ACTIVITIES

- Secured 2nd** position in school in class **10th**.
- Participate in a **mental math competition** and **secure 1st** position at **zonal level**.
- Trip coordinator** for manali tour , guided a group of **20 tourists** on a **5-days** organized tour to manali by yourtripmate.
- Coordinate **logistics** , including **transportation** , **accommodation**, and daily **itineraries** , ensuring a smooth experience.

## POSITIONS OF RESPONSIBILITY

**Co-Head | Team Engifest.**

- Led** a team of **30** junior members in the logistics department for **Team Engifest** , **DTU's** annual cultural festival.
- Trained** and **supervised** junior team members , **fostering** team work and **efficient** execution of tasks.

**Co-Head | SCEE (Society of Civil and Environmental Engineers)**

- Led** and **coordinated** initiatives within **SCEE**, facilitating **events**, **workshops**, and **industry** interactions to support student engagement and learning.
- Provided **mentorship** and guidance to junior members.

## SKILLS AND RELEVANT COURSEWORK

- Data Processing Skills** : SQL , MS Excel , MS PowerPoint , Power BI
- Knowledge** : Strategy Development , **Data Analytics** and visualization
- Programming language** : C , Python ( **Panda** , **Numpy** )
- Courses & Soft Skills** : Statistical Methods for Engineers , Engineering graphics and building design, Poetry & Prose , Environment , Extension & outreach.