

AVINISH KUMAR MAHATO

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2K23/SE/044

[Mail](#), [LinkedIn](#)
[GitHub](#), [Leetcode](#)

EDUCATION

CBSE (Class XII)	2022	Rajkiya Pratibha Vikas Vidyalaya, Lajpat Nagar	86.0 %
CBSE (Class X)	2020	GBSSS No. 1, Badarpur	85.4 %

WORK EXPERIENCE

Intern, Delhi Metro Rail Corporation Ltd., New Delhi | Certificate

Dec2024 – Jan 2025

- Analyzed stock data for over **3,200 materials** using **Power BI**, creating **6+ dashboards** for ABC-VED inventory classification and trend insights.
- Cleaned and structured **100,000+ records** from **SAP ERP**, automating reporting with DAX and reducing report generation time by **70%**.
- Delivered insights that helped achieve a **15% reduction in overstocking**, improving real-time inventory control and operational decision-making.

PROJECT

Algorithms Sorting Visualizer: [Project Link](#) | Tech stack: HTML, CSS, JS

AUGUST 2024

- Developed a dynamic web app to visualize **6** sorting algorithms: Bubble, Selection, Insertion, Merge, Quick, and Heap.
- Boosted user satisfaction by **30%** through an intuitive, interactive interface with live feedback.
- Integrated adjustable sliders for array size (up to **150** elements) and sorting speed control for a real-time experience.
- Reduced support queries by **20%** by displaying algorithmic complexity (Best, Worst, Average cases) directly in the UI.

AI Resume Parser Project: [GitHub Link](#) | Tech stack: CSS, PYTHON

APRIL 2024

- Built a **Python-based resume parser** capable of extracting **10+ key fields** (e.g., name, email, skills, experience) from .pdf, .doc, and .docx files using **NLP (spaCy)**.
- Achieved a parsing accuracy of **92%** on a test set of **100+ resumes**.
- Integrated **custom skill dictionary** and **regex patterns** to extract data like contact info and experience duration.
- Optimized the pipeline using **multiprocessing**, reducing processing time by **70%** for bulk resume uploads.

SKILLS

- Technical Skills:** DBMS, OOPs, OS, MySQL.
- Languages:** C, C++, Python, JavaScript, PHP.
- Frameworks/Tools:** Git, GitHub, VS Code, HTML, Power BI.

POSITIONS OF RESPONSIBILITY

EVENTS HEAD – Literature and Film Council of DTU

Sept,2023 – Present

- Planned and executed events annually, coordinating all stages from concept to execution, enhancing campus engagement and cultural awareness.
- Organized diverse events, managing budgets, logistics, and teams of **20+ Head & volunteers** to ensure smooth and impactful experiences for over **12k+ participants**.

RURAL CO-HEAD – NATIONAL SERVICE SCHEME

Oct,2024 - Present

- Collaborated with **15+ members** to drive initiatives and foster development in the rural sector.

ASME-DTU – Member

Oct,2024 - Present

- Actively participated in society activities and contributed to events and initiatives.

Athlete Coordinator, Calisthenics Club, DTU

Sep,2023 - Present

- Collaborated with **7+ athletes** to guide and mentor club **70+ members**, managing and organizing calisthenics training programs.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Achieved **2nd rank** in Class 10th CBSE board examinations in school.
- Achieved **4th rank** in zonal level Mental Math Quiz.
- Selected for the **3rd round** of the **Business Blaster program** with an investment grant of **₹5 lakhs**.