

Mahak

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EDUCATION

B.Tech Computer Science (Artificial Intelligence)

Indira Gandhi Delhi Technical University for Women

CGPA- 8.66 (Till 2nd sem)

2023 – present

Senior Secondary and Secondary

CRPF Public School Dwarka

12th- 91.8, 10th- 92.16

April 2016 – May 2022

SKILLS

Languages: Java, Python, JavaScript, HTML, R

CS Fundamentals: DBMS, OOPS, SQL, Data Structures and Algorithms(DSA)

Libraries: Pandas, NumPy, Matplotlib

Soft Skills: Graphic Designer, Video Editor, Leadership, Event Management

EXPERIENCE

Teaching Assistant

Coding Ninjas

Remote

May 2024 – present

- Mentored 400+ students, resolving 1000+ coding doubts and guiding them through Java projects.
- Provided one-on-one debugging assistance, reinforcing Java concepts and significantly improving my DSA skills.

PROJECTS

Metro-Network Analysis | Java | [GitHub](#)

Sep 2024-present

- Developed a Java-based solution using OOP and graph algorithms to find the shortest path between metro stations with Dijkstra's algorithm, and working on a comparative analysis of various algorithms for network analysis.

AquaNidhi | Figma | [UI](#)

Sep 2024

- Proposed a fish catch data repository that combines information for scientists and enables collaboration.
- Developed a data visualization tool that utilizes interactive maps, graphs, and filters to enhance data analysis.

Hotel Management System | Python, SQL | [GitHub](#)

Mar 2022

- Developed a hotel management system using Python and MySQL, enabling customer registration, billing, and hotel operations, with user authentication and integrated MySQL for efficient data management.

CERTIFICATIONS

Graphic Designing | [Link](#)

IT Training and Skill Development Center

Jan 2024-June 2024

- Acquired certification in graphic design and gained proficiency in Adobe apps and tools.

Snow Script Winter of Code | [Link](#)

GDSC, IGD TUW

Dec 2023

- Contributed to open-source projects in the field of web development

AWARDS AND ACHIEVEMENTS

- Selected among the top 30 teams in SIH internal out of 150+ teams at college.
- Scholar under the Prime Minister's Scholarship Scheme - CAPF.
- Gold Medal (1st Position) in Taekwondo Open International Championship and Silver Medal (2nd Position) in Taekwondo Open National Championship.

ROLES AND RESPONSIBILITIES

Graphics and Media Team | Core

AssetMerkle

2023-present

- Created posters, presentations for organisation, applying graphic design skills and gaining valuable experience.

Event Management | Integration Member

CSD

2023-present

- Organized events for 6 sub-teams under CSD, based on SDG goals, while gaining awareness of the goals.