

Tanisha Gupta

Delhi, India

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in tanishagupta17

🔗 Tanishagupta17

📁 Portfolio

EDUCATION

Netaji Subhas University of Technology

Nov 2022 – May 2026

B.Tech in Computer Science and Engineering

CGPA: 8.07

Shri Gulab Rai Montessori School

2019 – 2022

Class XII

91.4%

Class X

97.4%

EXPERIENCE

Open Source Contributor

Delhi, India


GirlScript Summer of Code 2023

May 2023 – July 2023


- Worked on multiple projects that used a variety of tech stacks like **Python, JavaScript, CSS**.
- Engineered new features, debugged critical issues, and **optimized code efficiency**, enhancing performance, usability, and system reliability.


PROJECTS

Online Bookstore | *Java, Spring Boot, Hibernate, MySQL, HTML, CSS, JS*

[github.com/Bookstore/](https://github.com/Tanishagupta17/Bookstore/) 


- A full-stack e-bookstore that allows users to buy, sell, and manage books online.
- Designed a robust **REST API** using **Spring Boot controllers** for user and admin roles, enabling **secure authentication**, efficient role-based access, and seamless transaction processing.
- Optimized performance with **Hibernate for ORM**, Spring Boot for backend efficiency, and Bootstrap for responsive UI, ensuring **scalability** and seamless navigation.

Sorting and Pathfinding Visualizer  | *HTML, CSS, JavaScript*

[github.com/Sorting/](https://github.com/Tanishagupta17/Sorting/) 

- Developed a project using HTML, CSS, JavaScript to **find the shortest path** between two tiles in grid.
- Created engaging and educational visualizations for algorithms such as **Bubble Sort, Quick Sort, Merge Sort, Dijkstra's Algorithm, BFS and DFS**, providing users with a clear understanding of algorithms.

Webshooter  | *HTML, CSS, JavaScript*

[github.com/webshooter/](https://github.com/Tanishagupta17/webshooter/) 

- Developed an interactive web game using HTML, CSS, JavaScript and implemented **dynamic gameplay mechanics** including player movement, webshooting mechanics, enemy behaviours, and collision detection.
- Implemented **class, constructor** of JavaScript and gave weapons options showcasing the **logical skills**.

TECHNICAL SKILLS


Languages: Java, C, Python, HTML, CSS, JavaScript


Technologies: Spring Boot, MySQL

Technologies: Git, Github, IntelliJ, VS Code, Eclipse

Fundamentals: DSA, DBMS, Operating Systems, Object-Oriented Programming, Computer Networks

COMPETITIVE PROGRAMMING PROFILE LINKS

LeetCode  : **1600+ Rating** on LeetCode and practiced **500+** problems of Data Structures and Algorithms.

CodeChef  : **Four Star** Coder on CodeChef with **1800+** rating.

ACHIEVEMENTS

- Solved **800+** DSA problems across various coding platforms.
- Secured **1269 rank** in CodeChef Starters 65.
- Secured **All India Rank 1** in NPTEL's Psychology of Learning Course.
- Demonstrated exceptional leadership skills as Head Volunteer overseeing 70 teams in the **SIH Hackathon 2023**.