

HARSH TIWARI

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[Codechef](#) | [Codeforces](#) | [LeetCode](#)

EDUCATION

B. TECH (I.T.)	2021-2025	DELHI TECHNOLOGICAL UNIVERSITY, New Delhi (CGPA)	8.72
CBSE (Class XII)	2021	LB SHASTRI, RK PURAM New Delhi (25074)	95.6 %
CBSE (Class X)	2019	ADITYA BIRLA PUBLIC SCHOOL RENUKOOT UP (08586)	96.6 %

ACADEMIC PROJECT

LIBRARY-SYSTEM WITH FACIAL RECOGNITION AND TEXT-TO-SPEECH FUNCTIONALITY-*Console-Based application* | Python, ML (**libraries**), PyCharm Professional, MySQL, pytxl 3 Project Link [Library-System](#)

- Utilized a 5-second reaction time for user login via **facial recognition**, ensuring swift access.
- Incorporated **QR codes (Zbar 0.10)** to efficiently issue or return multiple books, streamlining library processes.
- Implemented a First Come First Serve preference for multiple logins, prioritizing users based on arrival.

A PROJECT PORTFOLIO WEBSITE v1 BUILT WITH REACTJS AND TAILWIND -A Website regarding

My_Portfolio|HTML 5, REACTJS, TAILWIND CSS

Project Link [MyPortfolio](#) Website Link - [MyPortfolio](#)

- Constructed a 2D vector-themed portfolio website using **ReactJS** and **Tailwind CSS**, deployed error-free on **Netlify**, resulting in a significant increase in user engagement.
- Employed **React-Dom** and **React-Router** for seamless page navigation, including a **customized loading page** with a 4-second loading time to enhance user experience.

A LIBRARY SELF-CHECKOUT ANDROID APP BUILT USING FLUTTER (LibOnTheGo v.1) – *an Executable APP for*

Android | Flutter, FireBase, Firestore

Project Link [LibOnTheGo](#)

- Developed a library app for **self-checkout** of books using **barcode scanning**, **reserving books** for up to 2 hours in case of emergency, and tracking accumulated fines.
- Deployed two apps: one for users and one for admins to monitor various activities.
- Implemented using Flutter/Dart 3.4, a custom database, and Firebase for security and integrity, utilizing email/password for authentication, and tested on a Redmi Note 9 Pro.

TECHNICAL SKILLS

- Programming Languages:** C, **C++ 17**, **Python 3.8**, Flutter (Dart).
- Development:** HTML 5, CSS, **Bootstrap**, **Tailwind**, **ReactJs**, **Blueprint Game Development**.
- Tools:** Github, VS Code, PyCharm Professional, **Unreal Engine 5.2**, MySQL.
- Academic Coursework:** **Database Management System**, **Object Oriented Programming System**, Operating System, Data Structures and Algorithms, Computer Networks, Cyber Laws, Malware Analysis, **Compiler Design**, **Cyber Forensics**.

POSITIONS OF RESPONSIBILITY

- Co-led SITE-DTU's technical expertise department (Society of IT Engineers), organizing and executing a transformative Web Development Hackathon. Collaborating with Alumni to foster student creativity, resulting in a notable 50% surge in student participation. [Certificate](#)

EXTRA-CURRICULAR ACTIVITIES AND ACADEMIC ACHIEVEMENTS

- Earned SOF's **Academic Excellence Scholarship** for the Zonal Region of Uttar Pradesh and Uttarakhand in 2018. [Certificate](#)
- Enjoy playing guitar, writing songs, and singing with friends and family.