



# Mannat Trivedi

## B.Tech CSE Student

Mannat Trivedi is a second-year Computer Science student at MANIT Bhopal with a knack for crafting practical digital solutions. Proficient in HTML, CSS, JavaScript, Node.js, MySQL, C, C++, and Java, he's brought several projects to life—including Tidy Track, an app to streamline campus issue reporting; InvenTrack, a straightforward inventory manager; NetSeries, a movie info app powered by TMDB; and Mytaiyari, a JEE prep tool. Mannat's work is all about making tech that's simple, useful, and genuinely user-focused.

## Contact

### Phone

9893483451

### Email

mannateducation@gmail.com

### Github

@mannat244

## Education

(2023 - 2027)

### Maulana Azad National Institute of Technology

Bachelor's degree, Computer Science

(2021 - 2023)

### RD Coaching Classes

Higher Secondary Education

(2011 - 2023)

### RD Public School

Secondary Education, CBSE Board

## Skills

- C, C++, HTML, CSS, JS
- Node, Express, MySQL, Firebase
- UI / UX Design & Figma
- Android Development (Java +XML)
- Content Creation, SEO, Blogging
- Object Oriented Programming

## Language

English

Hindi

## Projects

### InvenTrack

An inventory management system designed to streamline inventory tracking and management with secure, user-friendly features.

**Technologies Used:** HTML, CSS, JavaScript, Node.js, Express, MySQL

- Key Features: Full CRUD operations via Express API, JWT authentication for secure login, bcrypt encryption for password protection, and dedicated storage for each store manager.
- Built the backend API with Node.js and Express, integrated MySQL database, and implemented authentication and encryption.
- Impact: Simplified inventory management for store managers, ensuring data security and easy access to inventory records.

### Tidy Track

An Android app developed to help MANIT students report and track campus issues efficiently.

**Technologies Used:** Java, XML, Volley, Android UI components

- Key Features: Designed and implemented the app with a focus on user-friendly navigation. Integrated multiple form components in the report for issue submission and developed an in-app dashboard for admins.
- Managed the complex user workflow and designed the UI, ensuring seamless interaction across five user roles. Implemented advanced views for smooth user experience and integrated Volley for API communication.
- Impact: Simplified issue reporting for students and staff, providing a unified platform for campus issue tracking and management.

### Netseries - Movies & TV Shows Details

An OTT-style platform to display movie and TV show details.

**Technologies Used:** HTML, CSS, JavaScript, TMDB API

- Developed a sleek site with a transparent navbar and automatic image slider.
- Integrated the TMDB API for real-time display of popular and upcoming content using asynchronous JavaScript.

### MyTaiyari - JEE Prep App

An app for JEE aspirants, offering essential tools to aid in their preparation.

**Technologies Used:** Firebase, YouTube API, Caspio

- Backend powered by Firebase with Realtime Database for seamless data syncing.
- Features an in-app blog for JEE news, a YouTube video library for educational content, and a JEE rank predictor using Caspio.
- A comprehensive platform to keep students informed, organized, and on track during their exam preparation.

I have developed several other projects, including CodeProgress, a C learning app, and Quizzy, a website for interactive quizzes.

## Certifications

**Winner, SpriteEra Web Development Contest (3rd Position):** Recognized for outstanding achievement in web development, securing the esteemed third position in the competitive SpriteEra contest.