

Nayan Mallick

PROFILE

I'm an enthusiastic and quick learner, eager to start my career in software development. I enjoy solving problems and building practical applications that make a difference. My goal is to grow my skills, contribute to meaningful projects, and continuously improve as a developer.

EDUCATION

Narula Institute of Technology, Kolkata, West Bengal – B.Tech, 2026

SKILLS

- Languages: C, Java, Python.
- Databases: MySQL, MongoDB, SQL, PL/SQL.
- Core Concepts: DSA, OPPs, DBMS
- Platforms: VSCode, Codeblocks

PROJECTS

- Full-Stack Library Management System
 - Developed a full-stack Library Management System using Node.js, HTML, and CSS, with MySQL as the database. Enabled functionalities such as adding and viewing books, managing user data, and organizing library records through a web-based interface.
- Login & Registration System Python, Django, SQLite
 - Built a secure login and registration system using Python, Django, and SQLite. The project featured Django's built-in authentication for user management, responsive front-end design using HTML, CSS, and Django templates, and secure data handling through Django forms and hashed password storage.
- Face Recognition Attendance System
 - Developed a face recognition-based attendance system using Python, OpenCV, DeepFace (ArcFace), and MTCNN. The system supports real-time face detection from images, videos, and webcam with fallback detection methods. Implemented embedding generation, cosine similarity-based recognition, and Excel-based attendance logging. Designed for incremental training with metadata tracking to avoid redundant processing.