

Swastika Nandan

CAREER OBJECTIVE

Aspiring Computer Science graduate with a strong foundation in programming, data structures, and full-stack development. Eager to contribute to real-world projects, continuously learn, and grow in the field of software development and machine learning.

EDUCATION

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

Ramakrishna Vivekananda Mission Vidyabhawan, Barrackpore, 10+2

SKILLS

- Languages: Java, Python, C
- Web Technologies: HTML, CSS, JavaScript
- Database: MySQL, SQL, PL/SQL
- Concepts: DSA, OOPs, DBMS
- Tools & Platforms: Code::Blocks, Jupyter Notebook
- Libraries/Frameworks: NumPy, Pandas

PROJECTS

Super Car Price Prediction

- Built a price prediction system using Python and Linear Regression.
- Processed historical data and visualized trends using Matplotlib.
- Forecasted car prices based on vehicle age and attributes.

Library Management System (Full-Stack)

- Developed with Node.js, MySQL, HTML, and CSS.
- Enabled book tracking, user management, and record maintenance.
- Implemented CRUD operations and responsive UI.

Face Recognition Attendance System

- Technologies used: Python, OpenCV, DeepFace (ArcFace), MTCNN.
- Detected and recognized faces in real-time using webcam or video.
- Logged attendance in Excel and supported incremental learning.

CERTIFICATIONS & TRAINING

- Soft Computing Techniques - NPTEL, IIT Kharagpur (Jan-Apr 2025)
Elite Certificate | Score: 68%
- Machine Learning using Python - Globsyn Finishing School & Narula Institute