

Swapnanil Maity

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EDUCATION

B.Tech in Computer Science & Engineering

2020 – 2024

Netaji Subhash Engineering College (MAKAUT)

GPA: 9.53 / 10

PROJECTS

Real-Time Writeboard with Chat (Django Channels)

[GitHub Repo](#)

- Built a real-time collaborative writeboard using Django Channels and Redis
- Enabled live text synchronization across multiple users and rooms
- Integrated real-time chat alongside collaborative editing
- Designed a responsive UI using HTML, CSS, and JavaScript

ChatRoom — Real-Time Web Chat

[GitHub](#) | [Live Demo](#)

- Developed a real-time web chat application using Django Channels and WebSockets
- Implemented typing indicators and online/offline user presence
- Added room-based messaging with automatic join and leave notifications
- Deployed with production-ready configuration on Render

TechReview — Product Review Platform

[GitHub Repo](#)

- Built a full-stack product review platform using Django
- Developed REST APIs with Django REST Framework
- Implemented authenticated product rating and review submission
- Designed categorized product browsing with modern UI components

SKILLS

Languages Python, HTML, CSS, SQL

Backend Django, Flask, Django REST Framework, Django Channels, FastAPI

Databases PostgreSQL, SQLite, Redis

Tools Git, GitHub, Linux, Virtualenv, Postman, Firebase

Design Figma, Responsive UI Design

PUBLICATIONS

Maity, S. (Co-author). “NexaMedic”, Springer Nature, 2025. AI-assisted healthcare system focusing on workflow automation, intelligent recommendations, and patient support. [Springer Link](#)