

TAMANNYA MUKHERJEE

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SUMMARY

Frontend Developer with strong experience at KNOWIFY, specializing in responsive eLearning platforms that enhance user engagement. Proficient in HTML, CSS, JavaScript, and Bootstrap, with backend skills in Python and Django. Enthusiastic about data analysis using MySQL and exploring machine learning techniques. Proven ability to deliver intuitive and accessible UI/UX with a focus on cross-device compatibility.

SKILLS

- Programming: C, C++, Python
- Web: HTML, CSS, JavaScript, Bootstrap
- Backend: Django
- Database: MySQL, SQL (Data Analysis)
- Other: Machine Learning (Beginner)

EXPERIENCE

➤ Frontend Developer | KNOWIFY

eLearning Platform

- Designed and developed a modern, responsive frontend for an eLearning platform to enhance user engagement.
- Built intuitive UI with smooth navigation and motivational design.
- Ensured full responsiveness across desktops, tablets, and mobiles.
- Developed structured layout for courses, instructor sections, and community elements.
- Created clean Login and Signup pages with accessibility in mind.
- Tech Stack: HTML5, CSS3, JavaScript, Bootstrap 5, Font Awesome
- GitHub: <https://github.com/Tamannya/elearn-static-frontend>

➤ Backend Developer | HACKITUP

Health & Fitness Web Platform

- Built an interactive fitness website for personalized goals and healthy living.
- Key features included workout tracking, diet planners, and expert articles.

- Designed for accessibility and responsiveness with a clean layout.

- GitHub: <https://github.com/S-o-b-u/HackItUp>

➤ **Frontend Developer | TwinTitles: AI-Powered Title Similarity Checker**

Developed a smart online system to verify project titles by analyzing and classifying them as Duplicate, Unique, or Similar.

Key Features:

- Shows top 3 similar titles with labels and allows download of PDF reports with a detailed similarity analysis
- Visualizes semantic similarity through a network graph and heatmap
- Auto-generates abstract content and stores project history in user profiles
- Suggests real-time enhancements with live demo features

Tech Stack: HTML, CSS, JavaScript (Frontend), Flask API, SQLite (Backend), Report Lab (PDF), Sentence Transformers + Cosine Similarity (ML/NLP)

GitHub: <https://lnkd.in/g5btSWhu>

EDUCATION

B.Tech in Information Technology

Guru Nanak Institute of Technology, Kolkata

Expected Graduation: 2027

Higher Secondary (Class XII), PCMB

Ramakrishna Vivekananda Mission, Barrackpore

Year: 2023 | Percentage: 80%

Secondary (Class X)

Ramakrishna Vivekananda Mission, Barrackpore

Year: 2021 | Percentage: 89.85%

CERTIFICATIONS

1. Python with Django (Ardent Computech Pvt. Ltd.)
2. The Joy of Computing using Python (NPTEL)

PORTFOLIO

GitHub: github.com/Tamannya/Tamannya_portfolio