

Debayan Kundu

B.tech Computer Science and Engineering

Barasat, West Bengal, India — +91 9775343416 — debayankundu02@gmail.com

GitHub — LinkedIn — LeetCode

EDUCATION

Techno Main Salt Lake B.Tech in Computer Science and Engineering	2024 – Present 8.70 YGPA
Gopalnagar Haripada Institution Class XII – PCMB	84.8%
Gopalnagar Haripada Institution Class X	97%

PROJECTS

AlgoCraft – Interactive Algorithm Visualizer <i>C++, HTML, CSS, JavaScript</i> Developed an interactive algorithm visualization platform designed to help students understand Data Structures and Algorithms through visual and step-by-step execution. - Implemented visualizations for sorting algorithms including Bubble Sort, Selection Sort, Insertion Sort, Merge Sort, Quick Sort, and Heap Sort. - Added graph algorithm visualizations including Dijkstra, Bellman-Ford, and Floyd-Warshall to demonstrate shortest-path concepts through interactive execution. - Implemented backtracking visualizations for N-Queens and Graph Coloring problems to make recursive problem-solving easier to understand. - Designed an intuitive and responsive interface that allows users to interact with algorithms and observe their execution step by step. Technologies / Tools Used : C++, HTML, CSS, JavaScript	GitHub
MovieMind – Movie Discovery Platform <i>HTML, CSS, JavaScript, OMDb API</i> Developed a movie discovery web application that allows users to search for movies and explore relevant movie information through an interactive web interface. - Integrated the OMDb API to dynamically retrieve movie information based on user searches instead of relying on a static movie dataset. - Implemented client-side JavaScript functionality for handling user input, sending API requests, and dynamically displaying movie search results. - Built a responsive and user-friendly interface using HTML, CSS, and JavaScript for a smooth movie discovery experience. - Organized the application to provide users with an accessible way to search and explore movie information. Technologies / Tools Used : HTML, CSS, JavaScript, OMDb API	GitHub

SKILLS

Programming Languages :	C, C++, Python, Java, JavaScript
Web Technologies :	HTML, CSS, JavaScript
Database :	MongoDB
Tools & Platforms :	Git, GitHub, Vercel, Render, MongoDB Atlas

AWARDS & ACHIEVEMENTS

- Achieved **Topper** position in **4+ NPTEL courses**.
- Maintained a consistent **1550+ LeetCode rating**, solved **355+ coding problems** on LeetCode and **100+ coding problems** on GeeksforGeeks.
- Won two hackathons**, including one conducted by the college, and participated in multiple open-source hackathons.

TECHNICAL CLUBS

Active member of technical clubs and involved in technical activities.

EXTRA CURRICULAR

Participated in technical, open-source, hackathon, and other extracurricular activities.