

ANIRBAN GHOSH

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EDUCATION

BTech in Computer Science & Engineering / 2024, GPA 8.16/10.0
Murshidabad College of Engineering & Technology, Banjetia, Berhampore, 742102, WB

RELEVANT COURSES

- CS50's Introduction to Programming with Python -Harvard University | 2024
- Hands-on approach to AI for real-world applications –IIT Kharagpur AI4ICPS Foundation and TCS ion | Dec 2023

HONORS AND ACHIEVEMENTS

- **Winner: Internal Hackathon, Murshidabad College of Engineering & Technology; Nominated for the Smart India Hackathon | September 2024**

SOCIETIES AND EXTRACURRICULARS

- **Three-Time Chess Champion:** College Sports Championship at MCET (2022, 2023, 2024)
- Participated in **Intra-District Chess Championship**, Murshidabad, at Krishnath College (April & May 2023; June 2024)
- Competed in **Murshidabad District Open Chess Tournament**, held on 20th August 2023 at ICI Gorabazar

PROJECTS

College Management System / Final Year Project 08/2024 - 06/2025

- Developed a web-based College Management System (CMS) using the MERN stack (MongoDB, Express.js, React, Node.js).
- Integrated dashboards for students and faculty with syllabus management, attendance tracking, and automated notifications.
- Designed a modular architecture to facilitate scalability and smooth interactions for students, faculty, and administrators.

PvP Chess Game /Additional Fourth Year Project

08/2024 - 09/2024

- Designed and developed a Python-based PvP chess game using Pygame.
- Implemented core mechanics such as legal move validation, check, and checkmate detection.
- Currently enhancing the game by integrating an AI opponent for single-player mode.

JARVIS /Third Year Project

02/2024 - 04/2024

- Engineered a Python-based virtual assistant to automate tasks like web browsing, music playback, and email management.
- Reduced routine task completion time by 30%, boosting productivity for team members.
- Integrated voice recognition and text-to-speech functionalities using external APIs.
- Built with a modular architecture for easy feature expansion.
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Sushi Restaurant Website /Second Year Project

11/2023 - 12/2023

- Developed a responsive, multi-page website for a fictional sushi restaurant using HTML, CSS, and JavaScript.
- Integrated dynamic features such as an interactive menu and animated scrolling.
- Optimized for mobile and desktop, ensuring a seamless user experience across devices.