AADITYA AGRAWAL

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Education

National Institute of Engineering, Mysore **2023-2027**

Bachelor of Engineering in Computer Science

Relevant Coursework

- Data Structures
- Software Methodology
- Algorithms Analysis
- Database Management
- Operating System
- Computer Organisation

Experience

Owasp NIE Student Chapter **Nov,2023–Present**

Marketing Core

- Spearheaded marketing initiatives to promote chapter events, resulting in increased student engagement and participation.
- Collaborated with the technical team to develop and implement strategic promotional campaigns for workshops and seminars.
- Created compelling marketing content, including posters, social media posts, and emails, to enhance the chapter's visibility within the college.
- Developed outreach strategies to connect with students across different departments, expanding the chapter's reach and involvement.

Projects

Tic-Tac-Toe Game **February 2025**

- Created a C++ console-based Tic-Tac-Toe game designed using Object-Oriented Programming (OOP) principles. The game allows two players to take turns placing 'X' and 'O' on a 3x3 grid, with the goal of getting three marks in a row, column, or diagonal.
- Class-Based Structure: Uses encapsulation to manage the game board, player turns, and move validation.
- Error Handling and Input Validation: Prevents invalid moves using exceptions and logical checks.
- Efficient Algorithm: Uses 2D arrays (vectors) and loops for board representation and win detection.

GitHub Repository: github.com/aadiagr/Tic-Tac-Toe

Personalized Portfolio Website **February 2025**

- A visually engaging and interactive portfolio designed to showcase my skills, projects, and personal interests in a creative way. Developed using HTML and CSS with a clean, minimalistic layout that adapts seamlessly across all devices.
- Integrated AOS (Animate On Scroll) for eye-catching transitions, enhancing user experience.
- Includes a dynamic video background, social media links, and a downloadable resume button for easy access.
- A blend of aesthetics and functionality, making it a standout portfolio for job applications and networking.

GitHub Repository: github.com/aadiagr/Portfolio

Technical Skills

Languages: Python, Java, C, C++, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Eclipse, Git, PyCharm, IntelliJ
Technologies/Frameworks: GitHub, React.js, Node.js, Express.js, MongoDB

Leadership / Extracurricular

Cricket (District-Level Player) **2016–Present**

- Represented school at the district level, showcasing leadership, teamwork, and strategic thinking.
- Led the college team to the finals in both HPL and NPL tournaments, demonstrating leadership and strategic planning.
- Organized inter-branch matches, ensuring smooth execution and high participation.