

Tanay Naik

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Summary

Aspiring Software Engineer seeking an internship role. Strong foundation in Data Structures & Algorithms (DSA) with a competitive programming background. Skilled in Python, C++, Java, JavaScript, and backend development. Passionate about problem-solving, system design, and building efficient web applications. Continuously learning and applying new technologies to create scalable, high-performance solutions.

EDUCATION:

Vellore Institute of Technology, Vellore, India
Bachelor of Technology – Computer Science

September 2022 – Present

Macro Vision Academy, India
Class 12 – Central Board of Secondary Education (CBSE)

April 2020 – June 2022
Percentage: 86.6%

Macro Vision Academy, India
Class 10 – Central Board of Secondary Education (CBSE)

April 2018 – March 2022
Percentage: 87.2%

PROJECTS:

Personal Finance Management Application

Technologies: EJS, Express.js, Firebase Authentication, Firestore

- Developed a full-stack expense tracking web application with real-time data updates and user authentication.
- Enabled users to categorize expenses, set budgets, and view financial reports via a responsive UI.
- Implemented Firebase Authentication for secure login, and Firestore for efficient data management.
- Designed scalable architecture to support 40,000+ potential users with optimized backend performance.

Vortex 360 Hackathon Website

Technologies: React.js, Three.js and Tailwind CSS

- Developed a fully responsive hackathon website using React.js, Three.js, and Tailwind CSS for over 100 participants.
- Integrated interactive 3D elements with Three.js, enhancing visual appeal and engagement.
- Optimized performance for cross-device compatibility and fast load times.
- Collaborated with the design team to ensure brand consistency and user flow clarity.

Tic-Tac-Toe (3-Move Restriction Version)

Technologies: HTML, CSS, Javascript

- Built a full-stack web game with Node.js, Express, and EJS, introducing a unique 3-move restriction rule.
- Designed an intuitive and engaging UI to encourage longer gameplay sessions, increasing average session time 10x.
- Handled user state logic and move tracking, ensuring fair and bug-free game mechanics.
- Implemented modular backend logic to allow scalability and future rule variations.

For more projects: [Github](#) and [Portfolio](#)

ACHIEVEMENTS:

- Codolio: Profile link (Combined Stats) codolio.com/profile/Tanay_Naik
- The Complete 2024 Web Development Bootcamp ([Udemy](#))
- AWS Academy Cloud Foundations Graduate ([AWS Academy](#))

SKILLS SUMMARY:

- Languages: Python, Java, C++, C#, SQL, HTML, CSS, Javascript
- Frameworks: React.js, Express.js, EJS, Firebase.
- Softwares: Git/Github, VSCode, Figma, Code block.