Tanay Naik

+91-72230-79679 | tanaynaik0710@gmail.com | LinkedIn | Portfolio Website

Education

Vellore Institute of Technology, Vellore, India

Bachelor of Technology (Computer Science and Engineering) (*September 2022 – Present*)

Macro Vision Academy, Burhanpur, India

High School and Intermediate (*April 2019 – June 2022*)

Relevant Courses: Data Structures and Algorithms, Database Management Systems, Computer Networks, Object-Oriented Programming, Software Engineering, Web Development, Computer Architecture, Discrete Mathematics.

Experience

Frontend Developer, Robo-Vitics Club

VIT UNIVERSITY (Vellore) (*January 2023 – September 2024*)

- Led frontend development for club projects, enhancing UI/UX and increasing user engagement by **30%**.
- Collaborated with cross-functional teams to deliver scalable, user-centric web solutions.
- Led technical workshops, mentoring **20+ students** on web technologies like React.js & Three.js.

Projects

Personal Finance Management Application *(Full Stack Developer)*

Live demo: Finance Management

- Developed a **full-stack** expense tracking system using **EJS, Express.js, Firebase Auth, and Firestore**, capable of handling **100+ daily transactions**.
- Integrated **secure authentication** for **40,000+ potential users**, ensuring email verification and real-time updates.
- Designed a **100% responsive UI**, enabling users to categorize expenses, set budgets, and track financial reports.

Vortex 360 Hackathon Website *(Frontend Developer)*

Live demo: Vortex 360

- Designed and developed an immersive **hackathon website** for **100+ participants** using **React.js, Three.js, and Tailwind CSS**.
- Integrated 3D elements using Three.js, improving user interaction and engagement by 40%.

Tic-Tac-Toe (3-Move Restriction Version) *(Full Stack Developer)*

Live demo: Tic-Tac-Toe

- Designed and built an innovative **Tic-Tac-Toe game** with a **3-move restriction**, increasing session duration **10x**.
- Designed an engaging UI and implemented unique game mechanics to enhance user experience.

For more projects: Github and Portfolio

Technical Skills

- **Programming Languages:** Python, C, C++, Java, JavaScript, SQL, C#
- **Full-Stack Development:** React.js, Node.js, Express.js, Firebase, REST APIs
- **Tools & Platforms:** Git, GitHub, VS Code, Figma, Canva
- **Soft Skills:** Problem-Solving, Communication, Leadership, Team Management, Decision-Making, Business Analytics

Achievements/ Certifications

- **The Complete 2024 Web Development Bootcamp (Udemy)**
- **AWS Academy Cloud Foundations Graduate (AWS Academy)**
- **Competitive Programming*:***
  - *LeetCode: 150+ solved problems*
  - *CodeChef: 1200+ rating*
  - *CodeForces: 1000+ rating*