

TANMAY SINGH

Chennai, India

☎ +91-9341264161

✉ tanmaysingh563@gmail.com

[LinkedIn](#)

[GitHub](#)

[LeetCode](#)

PROFILE

- Enthusiastic Computer Science student with a strong foundation in web development and a passion for problem-solving. Proficient in Python, C++, React, and Node.js, with a commitment to continuous learning and professional growth. Seeking opportunities to leverage my skills in a dynamic environment.

EDUCATION

SRM Institute of Science and Technology (Merit Scholarship)

2023 - 2027

B.Tech - Computer Science and Engineering - CGPA - 9.7

Chennai, Tamil Nadu

PROJECTS

Food Ordering (MERN) Web Application 🔗 | [Node.js](#), [MongoDB](#), [Express.js](#), [React](#)

Mar 2025

- Developed a food delivery application using the MERN stack, enabling users to browse food items, add them to a cart, and place orders.
- Designed the front-end with React and Tailwind CSS, while implementing the backend with Node.js and MongoDB.
- Implemented advanced features such as sorting dishes by tags and hash-based search, improving user experience.

Air-Traffic Flask Application 🔗 | [Flask \(Python\)](#), [scikit-learn](#), [NumPy](#), [Matplotlib](#), [JavaScript](#)

Feb 2025

- Created a Flask-based web application simulating air traffic detection, identifying the closest pair of aircraft using a basic AI model.
- Visualized aircraft positions and calculated the shortest distance, predicting collision risks using Logistic Regression.

Movie-Card 🔗 | [React](#), [JavaScript](#)

2024

- Developed a React-based web app allowing users to search for movies, view details, and add favorites, fetching real-time data from the OMDb API.

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, SQL, C

Technologies/Frameworks: Next.js, React, MongoDB, Express, Tailwind CSS, HTML5, CSS3

Developer Tools: VS Code, MATLAB, PyCharm, IntelliJ, Canva

AI/ML: scikit-learn, NumPy, Matplotlib

SOFT SKILLS

Strong analytical and problem-solving abilities.

Excellent communication and teamwork skills.

Adaptable and quick to learn new technologies.

Leadership and team coordination experience.

CERTIFICATIONS

Mastering C++ - Coursera (2023)

Cloud Computing - Skill-shift (2023)

Digital Image Processing - MATLAB (2023)

Oracle - Cloud Application Foundation (2023)

CODING COMPETITION

- **1st Place in Data Structures Algorithm Coding Competition - Parenthesis Event** 🔗

INTERNSHIPS

Web Development Intern

April 2025 - May 2025

Value of Codes

Chennai

- * Contributed to web development projects using React, Node.js, and MongoDB, enhancing user experience through dynamic interfaces.
- * Collaborated with a team to implement responsive designs and optimize application performance.

HOBBIES

- * Conducted workshops teaching basic C++ and data structures to students.
- * Active member of the SRM Quantum Club (2023-2025).
- * Served as Class Representative for the batch of 2024.
- * Dedicated to personal development through daily reading.
- * Chess enthusiast with a 1100 FIDE rating on Chess.com.