

TANISH S

Self-driven Software Developer and Freelancer specializing in full-stack development.

+91-8147515203 tanish9495@gmail.com [linkedin.com/Tanish-S](https://www.linkedin.com/Tanish-S) [GitHub/TANISH-171](https://github.com/TANISH-171) [leetcode/tanish9495](https://leetcode.com/tanish9495)

Education

JSS Science And Technology University, Mysore

2022 – 2026

B.E. - Computer Science and Engineering - CGPA - 9.01

Mysore, Karnataka

Sadvidya Composite P.U College, Mysore

2020 – 2022

12th - Percentile - 93.6

Mysore, Karnataka

D.A.V Public School, Mysore

2019 – 2020

10th - Percentile - 83.6

Mysore, Karnataka

Coursework/Skills

- Data Structures
- Object Oriented Programming (OOPS)
- Algorithms
- Database Management
- Artificial Intelligence
- Machine Learning
- Operating System
- Computer Networks

Technical Skills

- **Languages:** C, C++, Java, Python
- **Web:** HTML, CSS, Node.js, Express.js, React.js
- **Database:** MySQL, MongoDB
- **Professional Skills:** Collaboration and Teamwork, Effective Communication, Attention to Detail

Projects

Connect 4: Against The Machine | *Python[pygame, numpy]*

November 2024

- Built an AI for Connect 4 that doesn't just aim for four in a row—it strategically evaluates over 1 million possible moves per second to stay ahead of its opponent.
- Adopted heuristic evaluation functions to prioritize moves, increasing the AI's win rate by over 85 percent.
- Utilized Python and libraries such as NumPy for computational efficiency and Pygame for game visualization.
- User-friendly graphical interface to make the game accessible and engaging for players.

Pick 'N' Go | *MERN Stack*

January 2025

- PickandGo, a MERN stack food pickup ordering platform with role-based JWT authentication for customers and restaurant owners
- The app features restaurant discovery, menu management with Cloudinary image uploads, a shopping cart, custom pickup scheduling, and a real-time analytics dashboard
- The UI is designed with React, Vite, and Tailwind CSS, and the entire application is containerized using Docker and Docker Compose for easier deployment.

Green-Wash Detector AI/ML | *React, Python*

March 2025

- Led a 4-member team to construct an AI-powered sustainability scoring tool that analyzes product descriptions from fashion e-commerce websites like H&M and Zara.
- Fine-tuned a BERT model on 100+ curated samples to classify product sustainability with over 85% training accuracy.
- Integrated a Flask backend and Chrome extension for real-time scraping and scoring, achieving Sub-3-second response time.
- Dashboard improved with react for dynamic report generation and justification logic for 50+ product evaluations.

Certificates and Accomplishments

- Actively preparing advanced C++ (memory, STL, multithreading)
- Software Engineering Essentials Certificate and Badge By Coursera.
- Fundamentals of Java Programming Certificate by Coursera.
- Python Basics Certificate by HackerRank.