

# TANMAY VIKAS MANDAL

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🌐 Portfolio : [portfoliotanmaymandal.netlify.app](https://portfoliotanmaymandal.netlify.app) | DOB: 15/02/2004

## Summary

An engineering fresher in AI and DS, having hands-on experience through academic projects and internships. Good understanding of concepts in manual testing, SQL queries, API testing basics, and basic Selenium automation. Have experience in Python-based projects, web development, and data handling. Longing to work with quality-centric software teams and continuously grow on technical as well as analytical fronts.

## Education

Datta Meghe College of Engineering	(2022-2026)
B.E in Artificial Intelligence and Data Science (CGPA: 7.32)	Navi Mumbai
K. R. K. Kakani Kanishth Mahavidyalay (Percentage : 82.50)	(2020-2022)
Pre-University with Physics, Chemistry, Maths and Biology	Malegaon
Z. P. Kakani Vidyalaya School (Percentage: 91.80)	(2008-2020)
Completed Secondary Schooling	Malegaon

## Skills

- Programming & Scripting:** Python, Java, JavaScript
- Web Technologies:** HTML, CSS, React.js, Node.js, Tailwind CSS
- Database & Data:** SQL, MongoDB, Pandas, NumPy (basic)
- Testing Knowledge:** Manual Testing concepts, STLC, Test Case Design, Defect Reporting, API Testing (Postman – basic), Selenium WebDriver (basic understanding)
- Tools & Platforms:** Git, GitHub, VS Code, Vercel, Streamlit

## Projects

- Smart Attendance System**
  - Developed a real-time face recognition attendance system using **Python, OpenCV, Dlib, Pandas, and Streamlit**
  - Automated attendance tracking and generated defaulter alerts
  - Validated data accuracy through backend verification
- Direct Market Access Platform**
  - Built a web application using **Node.js, Express, MongoDB, and EJS**
  - Enabled real-time product listings and user dashboards for farmers and retailers
  - Worked with backend APIs and database operations
- Object Tracking System**
  - Implemented real-time object tracking using **YOLOv3**
  - Trained the model on the **COCO dataset** to detect multiple object classes accurately
  - Focused on performance and accuracy evaluation
- Product Authentication Using Blockchain**
  - Developed a decentralized application to verify product authenticity
  - Implemented smart contracts on **Ethereum** for secure product registration and ownership tracking

## Experience

- Google AI-ML Virtual Internship (AICTE)** *October 2024 – December 2024*
- Gained exposure to machine learning fundamentals and AI workflows
  - Worked on hands-on exercises involving data preprocessing and model concepts
  - Improved understanding of real-world AI applications
- Web Developer Intern – Prachet Agro Food Pvt. Ltd** *May 2025 – July 2025*
- Assisted in developing and maintaining web application features
  - Collaborated with team members to improve UI usability and performance
  - Worked with frontend components and backend data integration

## Extra Curricular Activities

- Participated in HackHive at SHAIDS – 2025 & Team member for AI-based Study Planner Project
- Blog writing on technology, learning experiences, and personal development
- Poetry writing, demonstrating creativity and strong written communication skills

## Languages

- English (Fluent), Marathi (Native), Hindi (Conversational)