

Tanmay Mahajan

Location: Jalgoan, Maharashtra, India

[Linkedin](#) | [GitHub](#) | [Leetcode](#) | Mobile: +91: 7774008679

Email: mahajantanmay910@gmail.com

EDUCATION

Indian Institute of Information Technology, Dharwad

B.Tech in Data Science and Artificial Intelligence

CGPA: 8.78/10

Dharwad, Karnataka 580009, India

Dec 2021 – Jun 2025

SKILLS AND INTERESTS

- **Languages:** C++, Python, SQL, JavaScript, Dart, C, Bash scripting
- **Frameworks:** Flutter, NodeJs, ExpressJs, REST APIs, Firebase Functions
- **Databases:** MongoDB, Firebase, MySQL, DBMS
- **Tools/Libraries:** AWS, PyTorch, Scikit-Learn, Docker, NumPy, Pandas, Seaborn, Matplotlib, Plotly, Tableau
- **Other Skills:** Data Structure and Algorithm, Machine Learning, OOPs, OS, Version Control (Git), Data Structures and Algorithms, Linux, Vagrant, Statistical Analysis
- **Interests:** Data Science, Machine Learning, Backend Development, Flutter Development, Data Visualization, Cloud Computing, Artificial Intelligence

EXPERIENCE

Approach Helping Hand Foundation (NGO)

Software Development (Flutter & Nodejs)

Feb 2023 – May 2023

Remote

- Developed **Flutter** applications to connect people to NGOs, with a focus on intuitive user interface design. Led backend development using **Node.js** and **Firebase**. Integrated secure login through **Google** and **phone authentication**.
- Implemented user feeds to display NGO updates, news, and events, and developed features for setting reminders, viewing locations, and registering for events. Integrated a secure **Razorpay** payment gateway for direct donations.

PROJECTS

Classroom Analytics and Learning Evaluation

[Source Code](#)

- Developed a "Classroom Analytics and Learning Evaluation system" using **YOLOv7** for person detection, **Deep SORT** for tracking, and **MediaPipe** for body landmark tracking. Integrated face recognition and emotion detection with **EmoAffectNet**.
- Combined facial expressions and body activity data to classify engagement levels ("focused," "confused," "distracted," "disengaged"), providing a real-time classroom assessment tool for educators.

Web Application Deployment on Local

[Source Code](#)

- Deployed a web application on a local system using Vagrant and Linux.
- Successfully configured and deployed the application stack, demonstrating proficiency in setting up a web server environment and automating the deployment process

Alumni Connect App

[Source Code](#)

- Developed a **Flutter**-based alumni app enabling real-time chat, multimedia sharing, and personalized profiles for networking. Integrated **Firebase Cloud Messaging** for notifications.
- Implemented a platform for posts and updates, allowing alumni to share achievements, updates, and stories. Utilized **Firebase** for real-time data handling and enhanced user experience.

InstBuy

[Source Code](#)

- Developed InstBuy, a Flutter-based e-commerce app with user authentication, product management, and streamlined order placement. Integrated **Firebase Realtime Database** for order management.
- Implemented product management features for adding items to cart and browsing products. Streamlined order placement and viewing order history for a seamless shopping experience.

ACHIEVEMENTS

- **Solved 370+** DSA Problems and **1490** Max rating on [LeetCode](#)
- Secured the **second position** in a hackathon by developing a ChatBot project using OpenAI API, featuring ChatGPT API for communication, DALL-E API for image generation, and Google ML Kit for text detection and object recognition.
- Completed the "Supervised Machine Learning: Regression and Classification" Course on Coursera.
- Earned the "Postman API Fundamentals Student Expert" badge on the Postman API.