

# Aman Antuley

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[Portfolio](#) | [Linkedin](#) | [Github](#)

## SUMMARY

A Computer Engineering student with expertise in Front-End Development and a strong passion for Data Science and Machine Learning. Experienced in Hackathons, Projects, and Internships, with excellent problem-solving, analytical thinking, and teamwork skills. Eager to learn and grow in software development and data-driven solutions, aspiring to become a **Data Scientist**.

## Education

**University of Mumbai** : Anjuman-I-Islam Kalsekar Technical Campus.

July 2023 – June 2027

Bachelor of Engineering in Computer Engineering | CGPA : 8.51 / 10 (Till Sem 3)

## Experience

**Freelance Developer** - Self Employeed

June 2024 – Present

**Data Science & Analytics | Front-End Developer**

- Upgraded client requirement gathering process, boosting efficiency and reducing project timelines by 30%. Enhanced data visualization by designing interactive dashboards and detailed reports for deeper insights, and developed more responsive, user-friendly web interfaces to significantly improve overall user experience.

**Data Science Intern** - Zidio Development.

March 2025 – Present

- Currently working as a Data Science and Analytics Intern at Zidio Development, improving data analysis efficiency by 25% through analyzing large datasets, building predictive models, creating interactive dashboards, and translating complex data into clear insights to make datasets understandable for clients, while collaborating with cross-functional teams to support data-driven decision-making.

**AICTE- Internship on AI** - Edunet Foundation

February 2025 - March 2025

- Completed AICTE Internship on AI by developing a Personal Fitness Tracker using Python, increasing the effectiveness of human exercise plans by 15% through enabling users to log workouts, track calories, and monitor progress efficiently, while gaining foundational machine learning and data analysis skills.

## Projects

**Smart Traffic Signal**

- Python, OpenCV, IoT, ML

Developed an AI-powered smart traffic signal system using OpenCV for real-time vehicle detection and machine learning to predict traffic congestion. Integrated IoT sensors to monitor road conditions, detect accidents, and identify emergency vehicles. The system dynamically optimized signal timing and prioritized green signals for ambulances, improving traffic signal efficiency by 50% and reducing accidents and emergency-related delays causing deaths by 70%.

**PerfectFit - AI**

- ML, Computer Vision

Developing an innovative web platform that bridges tailors and customers, enabling seamless custom-fit clothing orders through online measurements. The project leverages AI technologies, including OpenCV and TensorFlow, to accurately analyze body shapes and automate size estimation, improving tailoring accuracy and customer satisfaction by 25%, while significantly enhancing user convenience.

**Personal Fitness Tracker**

- Python , ML , Kaggle

Developed a Personal Fitness Tracker using Python and ML to monitor steps, calories, and workout patterns. Provided real-time insights and personalized feedback, improving users' fitness tracking accuracy and goal achievement by 15%.

## Technologies

**Languages** : C , Java , Python , R , SQL.

**Web Development** : Html , CSS , Tailwind CSS , Bootstrap.

**Tools** : Excel , Power BI , Tableau , Looker Studio , Git , Github , Canva , Kaggle.

**Databases** : MySQL , SQLite , MongoDB.

**Soft Skills** : Problem Solving , Critical Thinking , Collaboration , Creativity , Flexibility , Management.

## Certifications and Publications

- Python Programming: **COURSERA**
- R Programming: **UDEMY**
- Data Analytics with Python: **NPTEL**
- Machine Learning : **MicroMasters**

## Extracurricular Activities

- Technical Manager - ReachSphere Infotech
- Technical Team Member - GDGC (Google Developer Group)
- TechAstra 2.0 Runner-up (Project Competition)
- Technical Team Member - Algorithm 9.0
- Participated in 9 Different Hackathons
- Campus Ambassador - Devtown