

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 & Software Developer**.

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

- Improved the client requirements gathering process, increased efficiency and reduced project timelines by 30%.
- Enhanced data visualization by designing interactive dashboards and detailed reports for deeper insight.
- Developed more responsive and user-friendly web interfaces to significantly improve the overall user experience.

Data Science Intern - Zidio Development.

March 2025 – Present

- Improved data analysis efficiency by 25% through analyzing large datasets and building predictive models.
- Created interactive dashboards and translated complex data into clear, actionable insights for clients.
- Collaborated with cross-functional teams to support data-driven decision-making.

AICTE- Internship on AI - Edunet Foundation

Feb 2025 - March 2025

- Completed AICTE Internship on AI by developing a Personal Fitness Tracker in Python.
- Improved fitness performance by 15% through intelligent tracking of exercises, calories, and progress.
- Built core machine learning and data analysis skills during the internship.

Projects

Smart Traffic Signal

- Python, OpenCV, IoT, ML

- Developed an AI-powered smart traffic signal system using OpenCV for real-time vehicle detection and ML to predict congestion.
- Utilized real-time camera feeds and sensor inputs to optimize signal control in dynamic traffic scenarios.
- Dynamic optimization of signal timing, priority of ambulances: improving efficiency by 50% and reducing emergency-related delays by 70%.

PerfectFit - AI

- ML, Computer Vision

- Developing an innovative web platform that connects tailors and customers for custom-fit clothing orders.
- Leveraging AI technologies like OpenCV and TensorFlow to analyze body shapes and automate size estimation.
- Improved tailoring accuracy and customer satisfaction by 25%, while enhancing user convenience.

AI Powered Optimization System

- Python , ML , OpenCV

- Developed a system that detects user emotions in real-time via webcam using DeepFace and Machine Learning.
- Mapped emotional states (happy, sad, angry) to personalized task recommendations to boost productivity.
- Achieved 90%+ emotion detection accuracy and improved task alignment efficiency by 20%.

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