Aman Antuley

Mumbai, Maharashtra | amanantuley3794@gmail.com | +91-9867408609

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 Employed   **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   **Feb 2025 - March 2025**

- Completed AICTE Internship on AI by developing a Personal Fitness Tracker in Python, improving workout effectiveness by 15% through smart tracking of exercises, calories, and progress, while building core ML 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.

AI Powered Optimization System   **- Python , ML , OpenCV**

Developed an AI-powered Task Optimization System using Computer Vision and Machine Learning to detect user emotions in real-time via webcam. Mapped emotional states (happy, sad, angry) to personalized task recommendations, enhancing productivity and well-being. Achieved 90%+ emotion detection accuracy using DeepFace 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**