Aman Antuley

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Portfolio | Linkedin | Github

Professional 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)

Work Experience

Freelance Developer – Self Employed *Remote | June 2024 – Present*
Data Science & Analytics | Front-End Development
- Improved the client requirement gathering process, increasing efficiency and reducing project timelines by 30%.
- Enhanced data visualization through interactive dashboards and detailed reports for deeper insights.
- Developed responsive, user-friendly web interfaces to significantly improve overall user experience.

Data Science Intern – Zidio Development *Remote | March 2025 – June 2025*
- 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.

AI Intern – AICTE Internship at Edunet Foundation *Remote | Feb 2025 – March 2025*
- Completed AICTE Internship by developing a Personal Fitness Tracker using Python.
- Improved fitness tracking accuracy by 15% by smartly monitoring steps, calories and exercise patterns.
- Built strong foundations in machine learning and data analysis.

Projects

Smart Traffic Signal – (GitHub) *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.
- Dynamically optimized signal timing and prioritized ambulances, improving efficiency by 50% and reducing delays by 70%.

PerfectFit – AI Tailoring System – (GitHub) *ML, Computer Vision*
- Built a web platform connecting tailors and customers for custom-fit clothing orders using AI body measurements.
- Leveraged OpenCV and TensorFlow to analyze body shapes and automate size estimation.
- Improved tailoring accuracy and customer satisfaction by 25%, enhancing user convenience.

AI-Powered Task Optimization System – (GitHub) *Python, ML, OpenCV*
- Developed a real-time emotion detection system using webcam input and DeepFace for intelligent task suggestion.
- Mapped emotions (happy, sad, angry) to task recommendations to increase productivity and engagement.
- Achieved over 90% emotion detection accuracy and improved task alignment efficiency by 20%.

Skills

Programming Languages: C, Java, Python, R, SQL
Web Development: HTML, CSS, Tailwind CSS, Bootstrap
Tools & Platforms: 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 & Publications

- **Python Programming** – Coursera
- **Data Analytics with Python** – NPTEL
- **R Programming** – Udemy
- **Machine Learning** – MicroMasters

Extracurricular Activities & Achievements

- **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**