Aman Antuley

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[Portfolio](#)   [Github](#)   [Linkdin](#)

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 and teamwork skills. Eager to learn and grow in software development and data-driven solutions, aspiring to become a **Data Scientist**.

PROJECTS

Smart Traffic Signal System   **- Python, OpenCV, IoT, ML , YOLO**

Developed an AI-powered smart traffic signal using OpenCV for real-time vehicle detection and ML for congestion prediction. Integrated IoT sensors to optimize signal timing, detect accidents, and prioritize ambulances by turning signals green for emergency vehicles, improving traffic flow and safety.

Personal Fitness Tracker   **- Python , Machine Learning**

Developed a Personal Fitness Tracker using Python and ML to monitor steps, calories, and workout patterns. Provided real-time insights to help users track progress and improve their fitness goals.

PerfectFIT   **- Web Development , Machine Learning**

Developed a web platform connecting tailors and customers for custom-fit clothing. Planning to integrate AI using OpenCV and TensorFlow to detect body shape and automate size estimation for precise tailoring.

PROFESSIONAL EXPERIENCE

FREELANCER   **July 2024 - Present**

Data Analyst / Web Developer

Streamlined the process of gathering client requirements, reducing project completion time by 15%.

Designed interactive dashboards and standardized reports to enhance data insights. Developed responsive and user-friendly web interfaces to improve user experience.

AICTE- Internship on AI   **Jan 2025 - March 2025**

Machine Learning training

During the AICTE Internship on AI, I developed a Personal Fitness Tracker using Python, allowing users to log workouts, track calories, and monitor progress. This project helped me improve my Python skills and gain basic knowledge of machine learning for data analysis.

SKILLS

Languages: C , Java , Python , R , SQL.
Web Development : HTML , CSS , Tailwind CSS.
Tools : Excel , Kaggle , Power BI , Tableau , Git , Github , Canva.
Databases : MySQL , SQLite.
Soft Skills : Problem Solving , Critical Thinking , Collaboration , Creativity , Flexibility , Management.

EDUCATION

Anjuman-I-Islam Kalsekar Technical Campus   **2023 - 2027**
Bachelor of Engineering in Computer Engineering | **CGPA : 8.51 / 10 (**Till Sem 3)
MESCO - Crescent English High School   **2021 - 2023**
 HSC (Science) | **Grade : 70%**
Symbiosis Convent High School   **2008 - 2021**
High School (SSC) | **Grade : 81%**

CERTIFICATIONS

Advanced Power BI and Excel - **ExcelR (Pursuing**)   Data Structures and Algorithms - **ExcelR (Sep 2024)**
Get Started with Python - **Google (Dec 2024)**   C Programming - **GUVI IITM (Jun 2024)**
R Programming - **Udemy (Nov 2024)**

Data Science and Analytics - **HP LIFE (Nov 2024)**
Deloitte Australia - Data Analytics Job Simulation (Feb 2025)

ACHIEVEMENTS

Runner-up - TechAstra: Project Competition

Achieved runner-up position in TechAstra, showcasing a well-developed project with strong technical implementation and problem-solving skills. Demonstrated expertise in software development, innovation, and presentation.

Top 5 - Internal Smart India Hackathon

Secured a Top 5 position in the internal selection round for the Smart India Hackathon, competing against top teams to develop an innovative tech solution. Demonstrated strong problem-solving skills, teamwork, and proficiency in software development, contributing to a well-structured and impactful project.

EXTRACURRICULAR ACTIVITIES

Technical Team Member - **GDGC (Google Developer Group)**
Technical Team Member - **Algorithm 9.0**
Participated in 7 Different Hackathons