

Aman Antuley

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

Summary

A dedicated Computer Engineering student skilled in **Full Stack Development**, **RESTful APIs**, **Database Design**, **CI/CD**, and the **Software Development Life Cycle (SDLC)**. Experienced through hackathons, projects, and internships, with strong problem-solving, analytical, and teamwork skills. Aspiring to grow as a **Software Developer** in innovative and dynamic environments.

Education

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

July 2023 – June 2027

Bachelor of Engineering in Computer Engineering | CGPA : 8.82 / 10 (Till Sem 4)

Work Experience

Full Stack Developer – Technohana

Remote | May 2025 – Present

Project: Neki Hub – Volunteer-Driven Resource Platform

- Developed and maintained **Neki Hub**, a volunteer-driven platform connecting underserved communities with essential resources such as zakat, legal aid, health care, and emergency assistance.
- Designed and implemented responsive, user-friendly web interfaces using **React.js**, **Next.js**, and **Tailwind CSS**, improving accessibility and increasing user engagement by **30%**.
- Integrated authentication, real-time data updates, and resource filtering features, reducing aid request processing time by **25%** and streamlining volunteer coordination.

Freelance Software Developer – Freelancer.com

Remote | Jun 2024 – Present

- Designed, developed, and deployed custom web applications using **HTML**, **CSS**, **JavaScript**, and **Tailwind CSS**, delivering high-performance and scalable solutions to global clients.
- Collaborated with clients to gather requirements, create responsive UI designs, and implement features, increasing client satisfaction and repeat contracts by **25%**.

Projects

Smart Traffic Signal – (GitHub)

Python, OpenCV, Machine Learning

- Built an AI-driven traffic management system to ease congestion by detecting vehicles in real time and predicting traffic flow.
- Integrated IoT sensors and camera feeds to detect accidents in real time and dynamically adjust signals, prioritizing ambulances and emergency vehicles.
- Achieved a **70%** reduction in vehicle wait times and improved overall traffic flow efficiency by **50%**.

PerfectFit – AI Tailoring System – (GitHub)

Full-Stack Software, Computer Vision

- Developed a full-stack platform seamlessly connecting tailors and customers to solve inaccurate clothing fit problems effectively.
- Designed the database schema, backend APIs, and integrated email templates with a fully responsive front-end interface.
- Used OpenCV and TensorFlow to automatically extract body measurements, significantly improving fit accuracy by **25%**.

CodeLeap – Data Structures and Algorithm Visualizer – (GitHub)

Full-Stack Development, AI, React.js, Node.js

- Created an interactive learning platform offering curated roadmaps for placements, internships, and competitive programming.
- Integrated a browser-based multi-language code editor (C, C++, Java, Python, JavaScript) with user authentication.
- Applied the Software Development Lifecycle (SDLC) to design and implement AI-powered hints with a responsive interface.

Skills

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

Web Development: HTML5, CSS3, Tailwind CSS, JavaScript(ES6+), Bootstrap, React.js, Next.js, TypeScript.

Tools & Platforms: Docker, Postman, Version Control (Git), GitHub, Gitlab, Canva, Kaggle.

Databases: MySQL, SQLite, Firebase, MongoDB, Database Management.

Soft Skills : Problem Solving, Critical Thinking, Team Collaboration, Creativity, Agile Methodology, Flexibility, Management.

Certifications & Publications

- Python Programming** – Coursera
- Data Analytics with Python** – NPTEL
- R Programming** – Udemy
- IBM Full Stack Software Developer** – Coursera

Extracurricular Activities & Achievements

- Core Member - Programmers Club**
- 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**