

MANSI BIRLA

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github.com/mansi2076

EDUCATION

Maulana Azad National Institute of Technology, Bhopal

08/2023 – Present

Master of Computer Application (MCA)

CGPA: 8.09

Devi Ahilya Vishwavidyalaya University, Indore

2020 – 2023

Bachelor of Computer Science

CGPA: 7.4

PROJECTS

Remote Surveillance Garbage Collection (RSGC) ([GitHub](#))

06/2025 – Present

A smart waste management platform for real-time tracking and monitoring of garbage collection vehicles across zones.

- Tech Stack: React.js, Tailwind CSS, Node.js, Express.js, PostgreSQL, Supabase.
- Displays live vehicle routes, pickup status, and bin monitoring via responsive dashboards.
- Provides admin tools for zone management, missed pickup alerts, and location-based vehicle tracking.

Fitness-Hub Web App ([GitHub](#))

03/2025 – 07/2025

A wellness and fitness platform offering personalized features for meditation, yoga, diet, and fitness tracking.

- Tech Stack: React, Tailwind CSS, Node.js, Express, MongoDB.
- Integrated 4+ modules (Meditation, Yoga, Diet, Calculator) into a single responsive web app.
- Built calorie & hydration tracker with 95% mobile responsiveness using Tailwind CSS

Training and Placement Cell Portal ([GitHub](#))

03/2024 – Present

A full-stack web portal built to automate and manage college training and placement workflows.

- Tech Stack: ReactJS, HTML, CSS, JavaScript, Node.js, Express.js, MySQL.
- Handled data for 100+ students with 3+ role-based access, secure JWT login, and profile/job management
- Implemented a calendar system with modals for company hiring schedules.

SKILLS

Programming

Java, JavaScript

Frameworks and Libraries

HTML, CSS, Reactjs, Tailwind CSS, Nodejs, Expressjs, MongoDB, MySQL

Tools

Visual Studio, Git, GitHub

Foundation

OOPs, DBMS, Operating System, Data Structure

Soft Skills

Leadership, Teamwork, Problem-Solving

CERTIFICATIONS AND ACHIEVEMENTS

- Completed a 6-week group **internship** at **IBM** focused on frontend development using modern web technologies.
- Secured All India Rank (AIR) **349** in **NIMCET 2023**, competing among 15,000+ students.
- Ranked **2nd** in a competitive badminton event featuring over 20+ players.
- Participated in **Smart India Hackathon 2024** as a team member.
- Certified by **Ministry of Defence & MyGov** among over 50,000+ participants for completing a national quiz on “*Role of Women in Shaping the New India*”.

EXTRA CURRICULAR ACTIVITIES

- **Badminton** – Competed in 10+ events, developing strategy and collaboration
- **Stitching** – Designed and stitched 20+ custom clothing to express creativity and develop design skills