

Aditya Dubey

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Education

Vellore Institute of Technology, Bhopal

B.Tech. in Computer Science Engineering

Sept 2022 – Current

CGPA: 8.79

Scottish Central School, Sasaram

12th Grade

May 2021

Percentage: 80.8%

Skills

Languages & Frameworks: C, C++, Java basics, Python basics, SQL, JavaScript, HTML, CSS

Tools & Technologies: Github, MySQL, MongoDB, Firebase, React.js, Node.js

Softs Skills: Cross-functional Collaboration, Strategic Technical Communication, Operational Excellence, Agile Mindset

Core Competencies: Data Structures and Algorithms, Database Management System (DBMS), Object-Oriented Programming (OOPs), Computer Networks, Operating System

Projects

EarthMark EcoScore Checker (Nov 2024 – Dec 2024)

- Developed EarthMark, a full-stack application leveraging React.js, Node.js, and MongoDB to calculate eco-scores for 20+ sample products using a structured JavaScript object dataset.
- Engineered a robust eco-score calculation system with an 85% accuracy rate, enabling detailed assessments of product sustainability to inform consumers in real time via a responsive frontend design framework.
- Developed and integrated a visually appealing React.js frontend with RESTful APIs, enhancing data retrieval speed by 30%, resulting in an optimized user experience for the EarthMark application.
- Built and rigorously tested a RESTful API using Postman to ensure effective communication between backend services and the frontend, enhancing application performance.

MyFitness – Fitness Tracker (Apr 2024 – May 2024)

- Built a full-stack fitness tracker using MongoDB, React, and Node.js, enabling users to log and manage workouts with 98% input accuracy.
- Integrated JWT authentication and Redux, supporting secure logins and real-time state updates for over 30 test users.
- Designed a responsive website with React and styled-components, reducing bounce rate by 40% on mobile devices.
- Deployed client on **Netlify** and server on **Render**; resolved build issues and optimized loading time to under 1.2 seconds through CI/CD improvements.

Certifications

- **SmartBridge** — Completed the Full Stack Developer MERN (Apr 2025).
- **FacePrep** — MongoDB Associate Database Administrator (Apr 2025).
- **NPTEL** — Marketing Analytics (Mar 2025).

Achievements

- **Amazon Sambhav Hackathon (Dec 2024)** – Secured a place among the top 100 finalist teams in the highly competitive Amazon Sambhav Hackathon 2024, standing out from over a thousand participants.
- **Leetcode (May 2025)** - Achieved a rank of 3,000 out of 28,000 participants in a LeetCode Contest.