

# NISARG GAJJAR

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## Education

Vellore institute of Technology Bhopal, India

2022 - 2026

- CGPA: **8.77**

(expected)

KD Ambani Reliance Foundation School, India

2021 - 2022

- CBSE (Class XII), Aggregate: 83.8%

KD Ambani Reliance Foundation School, India

2019 - 2020

- CBSE (Class X), Aggregate: 89.2%

## Skills

**Programming & Frameworks:** Python, Java, C++, Kotlin

**Databases:** MongoDB, PostgreSQL

**Tools & Others:** Git, Version Control Tools

**Core Subjects:** Operating System, Database Management System, Computer Networks, OOPs, Data Structures & Algorithms

## Work Experience

**Jio Platforms Limited**

Software Development Intern

(26.9.2024 - 27.11.2024)

- Project – To find out the most used and prevailing Petrol Pumps in India to install EV charging stations.
- My Work – Scrap the data of all the petrol pumps present in the country.

## Projects

**EventIt** / (Nodejs, Express, React, MongoDB, WebRTC, WebSocket)

- **Architected** a scalable event management platform for **1,000+** users using the **MERN stack**, achieving **99.5% system uptime**.
- **Designed** a secure, role-based hierarchical system with two account types (**100+ teachers, 900+ students**), improving data privacy and access control.
- **Implemented** event creation, editing, and deletion modules, boosting scheduling efficiency by **60%** and reducing manual administrative workload by **40%**.
- **Built** a seamless 3-step event registration interface, leading to a **70%** increase in student participation rates.
- **Integrated** real-time video conferencing with **WebRTC** and **WebSocket**, supporting up to **200 concurrent users** with **30%** lower latency and enhanced call stability.

**Bookify** (Nodejs, Express, Kotlin, Jetpack Compose)

- Description:
  - Developed an Android application, that provides users with free access to books after signing up.
  - Successfully deployed the app, providing users with a tailored reading experience and free access to a curated selection of books..
- Technology: Java, Kotlin, Firebase, Retrofit

## Academic and Extracurricular Achievements

- Achieved a top 1% ranking in the NPTEL Cloud Computing Examination out of 24,000 students.
- Practiced **100+** coding problems on *LeetCode* and *GeeksforGeeks*, developing proficiency in data structures, algorithms, and coding efficiency.