



## Sarang Sunilrao Kulkarni

Roll No.: 23ECB0A08

Bachelor of Technology

Electronics and Communication Engineering

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GitHub Profile

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## EDUCATION

### •National Institute of Technology, Warangal

2027

*B.Tech. in Electronics and Communication Engineering*

CGPA/Percentage: 8.83

### •Rajarshi Shahu Junior Science College, Latur

2023

*Central Board of Secondary Education*

CGPA/Percentage: 96

## PERSONAL PROJECTS

### •DrawMyThing

June 2025 - July 2025

*Full-stack multiplayer game where players alternate prompts, drawings, and guesses in a storytelling loop.*

- Designed and developed an online multiplayer game, where players take turns writing prompts, drawing illustrations, and guessing each other's creations in a chaotic storytelling loop. Implemented game state transitions, room management, live chat, and collaborative rounds using custom WebSocket logic and Prisma ORM.
- Tools & technologies used: Typescript, NextJS, Next-auth, NodeJS(Websocket), FabricJS, Tailwind CSS, ShadcnUI, Prisma, PostgreSQL

### •UniTrade

Jan 2024 - Mar 2024

*Marketplace for students to buy, sell, or trade items within campus.*

- Built a full-stack platform enabling campus-wide item trading with real-time chat, secure media uploads, and user verification. Implemented item listing, filtering, and authentication logic with Django REST API.
- Tools & technologies used: HTML, CSS, JavaScript, Django REST Framework, PostgreSQL, Google Cloud

### •Digital Time Capsule

Apr 2025

*Multimedia capsule app unlocking content on future dates or events.*

- Developed a role-based capsule system where users can store and share media locked until a specified time. Integrated secure file uploads, access controls, and JWT-based authentication.
- Tools & technologies used: ReactJS, NodeJS, ExpressJS, MongoDB, Cloudinary

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C++, JavaScript, TypeScript, Python

**Developer Tools:** Git, VS Code

**Frameworks:** React.js, Next.js, Django, Express.js, Node.js

**Cloud / Databases:** MongoDB Atlas, PostgreSQL

**Soft Skills:** Teamwork, Communication, Problem Solving, Time Management

**Coursework:** Data Structures and Algorithms, Operating Systems, DBMS, OOPs

**Areas of Interest:** Competitive Programming, Full Stack Development, AI/ML

## POSITIONS OF RESPONSIBILITY

### •Backend Developer, UniTrade (Design Thinking Course)

Jan 2024 - Mar 2024

•Developed Django REST backend with item listing, user auth, and real-time chat APIs.

### •Full Stack Developer, Digital Time Capsule (KrackHack 2.0, IIT Mandi)

Apr 2025

•Built backend (Express.js + MongoDB) and React logic excluding UI; added role-based access and media uploads.

## ACHIEVEMENTS

•Completed KrackHack 2.0 (Web Development, IIT Mandi) - View Certificate

Apr 2025

•Jee Mains - 99.45 percentile (AIR 6406) and Jee Advanced Qualified

Apr 2025