



Saraf Abhinav Bala

Roll No.: 23CSB0A33

Bachelor of Technology(B.Tech)

Computer Science and Engineering

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EDUCATION

- National Institute of Technology, Warangal** 2023-2027
Computer Science And Engineering CGPA : 8.06
- Sri Guru Junior College** 2023
Board of Intermediate Education, Telangana Percentage: 98.2
- Galaxy High School** 2021
Board of Secondary Education, Telangana CGPA : 10

PERSONAL PROJECTS

- AI CHATBOT** Jun 2025
Full-stack chatbot using GeminiAI API, Clerk Auth, TanStack Query, and MERN stack
 - Tech Stack:** React.js (Vite), TanStack Query, Node.js, Express.js, MongoDB, Clerk (Auth), GeminiAI API
 - Developed a ChatGPT-style full-stack chatbot with secure Clerk authentication and persistent MongoDB-based chat storage.
 - Built scalable Express.js APIs connected to GeminiAI, enabling smooth and responsive real-time conversations.
 - Enhanced performance and uptime to 98% using TanStack Query caching and efficient API request handling.
- Weather App** May 2025
Live weather application using JavaScript and OpenWeatherMap API for real-time updates
 - Tech Stack:** HTML, CSS, JavaScript, OpenWeatherMap API
 - Fetches and displays real-time weather by city or geolocation with a clean and visually appealing UI.
 - Extensively tested and validated all API endpoints using Postman, demonstrating strong software testing and debugging skills.
- Hospital Management System** Apr 2025
MySQL-based database management project for hospital operations
 - RDBMS used:** MySQL
 - Designed and implemented a centralized MySQL database to manage patient records, appointments, staff details, and billing workflows.
 - Normalized tables to reduce redundancy and improve query performance and data integrity.
 - Created relational schemas and constraints to ensure consistent and accurate data entry across departments.
 - Simulated real-world use cases through sample queries.

TECHNICAL SKILLS AND INTERESTS

Languages: C++ , Java , R , JavaScript , HTML , CSS

Soft Skills: Communication Skills, Problem Solving Skills

Developer Tools: Git , Github , VsCode

Frameworks: React.js , Express.js , Bootstrap

Cloud/Databases: MySQL , Oracle SQL,MongoDB

Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems

Areas of Interest: Web Development , Problem Solving , Data Structures

POSITIONS OF RESPONSIBILITY

- Executive Member, Web Development Faction – Software Development Club** Present

ACHIEVEMENTS

- LeetCode Rating: 1780 (Top 8% globally)** Present
- Ranked 760 among 36,000 participants in LeetCode Weekly Contest 468** 2025
- JEE Mains 2023: AIR 4276 out of 13 Lakh Candidates** 2023
- TS EAMCET 2023: Rank 1147 out of 3 Lakh Candidates** 2023