



Saraf Abhinav Bala

Roll No.: 23CSB0A33

Bachelor of Technology(B.Tech)

Computer Science and Engineering

National Institute Of Technology, Warangal

+91-9502068171

abhinavbala594@gmail.com

sa23csb0a33@student.nitw.ac.in

S Abhinav Bala

Saraf Abhinav Bala

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, and MERN stack | |
| – Tech stack: React.js (Vite), React Query, Node.js, Express.js, MongoDB, GeminiAI API, Clerk (Auth), CSS Framestyle | |
| – Developed a ChatGPT-style full-stack chatbot with Clerk authentication, secure session handling, and MongoDB persistence for chat history. | |
| – Built custom Express.js APIs to integrate GeminiAI API and stream real-time responses, demonstrating strong API design and scalability. | |
| – Designed a responsive frontend with CSS Framestyle, ensuring clean UI and user-focused experience. | |
| • 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 robust error handling and dynamic UI. | |
| • 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 and triggers for operational automation. | |
| • Tic Tac Toe Game | Jul 2024 |
| Console-based C++ project to strengthen programming fundamentals | |
| – Tech stack: C++ | |
| – Built a two-player Tic Tac Toe game with modular functions, input validation, and clear game-over conditions. | |

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

- | | |
|--|---------|
| • Member, Web Development Faction – Software Development Club | Present |
|--|---------|

ACHIEVEMENTS

- | | |
|---|---------|
| • Maintaining a LeetCode streak of 380+ days and holding 18 LeetCode badges | Present |
| • Solved 800+ problems on LeetCode, overall 1000+ problems on various coding platforms | Present |
| • JEE Mains 2023: AIR 4276 out of 13 Lakh Candidates | 2023 |
| • TS EAMCET 2023: Rank 1147 out of 3 Lakh Candidates | 2023 |