

AKHIL KUMAR BELKONI

Hyderabad, Telangana

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Education

Jawaharlal Nehru Technological University Hyderabad

2023 – 2027

B.Tech in Computer Science and Engineering

CGPA: 8.5

Narayana Junior College, Bachupally

2021 – 2023

Intermediate

98.0%

Pragna Sri High School

2020

Secondary School (10th)

CGPA: 10

Projects

CodeSync – Real-Time Collaborative Code Editor | React.js, Node.js, Express.js, Socket.IO, Monaco Editor

- Developed a real-time collaborative code editor enabling multiple users to write and edit code simultaneously in shared rooms.
- Implemented Socket.IO for real-time code synchronization, participant tracking, and instant updates across connected clients.
- Built secure room creation and joining functionality using unique Room IDs for collaborative coding sessions.
- Integrated Monaco Editor to provide a VS Code-like coding experience with syntax highlighting and intelligent editing features.
- Implemented a real-time chat panel for seamless communication between participants during coding sessions.
- Deployed the frontend on Vercel and backend on Render with production-ready API integration.
- Live Demo — [GitHub Repository](#)

Wanderlust – Airbnb Clone | Node.js, Express.js, MongoDB, EJS, Passport.js

- Built a full-stack property rental platform inspired by Airbnb using Node.js, Express.js, MongoDB, and EJS.
- Designed RESTful APIs following the MVC architecture for listings, reviews, and user management.
- Implemented secure authentication and role-based authorization using Passport.js and Express sessions.
- Developed complete CRUD functionality for property listings, user reviews, and account management.
- Integrated Cloudinary for image uploads and MongoDB for scalable data persistence.
- Designed responsive user interfaces with server-side rendering to improve usability and performance.

Technical Skills

Languages: Java, JavaScript, C

Frontend: React.js, HTML, CSS, Tailwind CSS

Backend: Node.js, Express.js, REST APIs, Socket.IO

Databases: MySQL, MongoDB

Tools: Git, GitHub, Docker, Postman

Concepts: Data Structures & Algorithms, Object-Oriented Programming, DBMS, Operating Systems, Computer Networks

Certifications

- IBM Web Development Certification
- HackerRank SQL Certification
- CodeChef Competitive Programming