

# JUWAIRIA BAIG

Studying 4/4 Year B.E. (Information Technology) from Muffakham Jah College of Engineering & Technology (MJCET), Osmania University, Hyderabad, Telangana India

Email: [juwairiabaig2003@gmail.com](mailto:juwairiabaig2003@gmail.com)

Portfolio: <https://juwairia-baig-portfolio-site.vercel.app/>

GitHub: <https://github.com/juwairia1234>

Mobile: +91-6301 955 175

## Brief Summary:

As a final-year Information Technology engineering student anticipating graduation in 2024, with a passion for programming, I thrive on solving complex problems. I have honed my skills in full-stack web development, specializing in React, Next.js, Node.js, and MongoDB, with additional knowledge of TypeScript and Prisma. Constantly eager to expand my technological horizons, I am currently seeking a full-time software developer position.

Outside of coding, I enjoy playing badminton, watching movies, and exploring new cafes. I am also committed to learning about fitness and incorporating it into my daily routine.

## Key Achievements & Tasks Performed:

My academic journey is adorned with notable projects that underscore my technical prowess and creative acumen. In my final year project, I developed "NoteWiz," an AI-driven educational platform harnessing the power of OpenAI's Assistant API to generate interactive quizzes, flashcards, and a chat with document feature. I collaborated on the development of "PEEKABYTE," a project leveraging steganography technology to hide data within images, which secured second prize in a college hackathon conducted in May 2023. I also developed "Travel Advisor," a travel companion app with geolocation capabilities that provides details about restaurants, hotels, and attractions. Additionally, I collaborated on building an Attendance System App using Python for API integration and facial recognition.

## Education Record:

#	Degree	Institute/University	Year	Grade
1	Pursuing Bachelor of Engineering in Information Technology (Currently in 4th Year of the 4 year Program)	MJCET / Osmania University	2020 - 2024	80%  (of 6 semesters till now)
2	Higher Secondary School Certificate	Radhwa Int'l School, KSA	2020	89.8%
3	Secondary School Certificate	Radhwa Int'l School, KSA	2018	86.6%

## **Technical Skills:**

<b>Programming Languages:</b>	C, C++, JavaScript, Python
<b>Web Development:</b>	HTML, CSS, React, Next.js, Node.js, TypeScript
<b>Database Management:</b>	SQL, MongoDB, Prisma

## **Projects Done:**

### **1. NoteWiz:**

- Developed an AI-driven educational platform using OpenAI's Assistant API.
- Backend built with Node.js, Express.js, Prisma for database management, and MongoDB for data storage.
- Frontend utilized Next.js for server-side rendering and React for the UI, styled with Tailwind CSS.
- Designed using Figma, with coding done in JavaScript and TypeScript.

### **2. Peekabyte:**

- Collaborated on backend development, securing second prize in a hackathon.
- Implemented steganography (LSB) to hide data within images, demonstrating innovative use of technology.

### **3. Travel Advisor:**

- Developed a travel companion app using Google Maps API for navigation and location visualization.
- Integrated Places API for detailed information on hotels, restaurants, and attractions.
- Incorporated real-time weather data using Weather API to enhance travel planning.

### **4. Attendance System App:**

- Created a Python-based app for attendance management.
- Used Numpy, Pandas, Matplotlib, Scipy, and openCV for face recognition.
- Utilized Redis as the database backend and integrated Jupyter for data analysis.

## **Soft Skills and Essential Competencies:**

- Ability to prioritize and effectively manage multiple tasks.
- Enthusiastic, flexible, highly motivated, and result oriented.
- Excellent organization and time management skills, Good team player.
- Ability to communicate fluently in English.