

# Rex Ronald T

+91 76049 68255 | rexronald003@gmail.com | LinkedIn/Rex Ronald | Okkiyampet, Chennai

## SUMMARY

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Motivated Front-End Developer with a strong foundation in web development and a passion for creating interactive, responsive user interfaces. Able to quickly adapt to new technologies, bringing troubleshooting skills and collaboration skills. Eager to apply front-end expertise and a fresh perspective to contribute to impactful, user-focused projects.

## SKILLS

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**SOFT SKILLS** - Strong Communication, Collaborative Mindset, Flexibility.

**TECHNICAL SKILLS** - HTML5, CSS3, JavaScript (ES6), React JS, Python, MySQL, Git, GitHub, REST APIs, JSON.

## INTERNSHIPS

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**Front - End Developer Intern - Besant Technologies, Chennai, India.** **Nov 2024 – July 2025**

- Built responsive user interfaces using HTML5, CSS3, JavaScript, and React.js, ensuring consistent performance across 3+ device types with mobile-first design implementation.
- Integrated 2+ RESTful APIs into frontend components to fetch and display real-time data, improving UI and usability.
- Contributed to 3+ frontend projects focused on interactive design, state management, and component-based architecture using React.js.

**Embedded Systems & IoT Internship - Rinex Technologies, Chennai, India.** **Nov 2023 – Dec 2023**

- Completed a hands-on internship in Embedded Systems and Internet of Things (IoT) with 2 projects, focusing on the integration of hardware and software to build smart, connected solutions.
- Worked with microcontrollers (e.g., Arduino, ESP32) and various sensors to design real-time, sensor-driven applications.

## PROJECTS

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**Weather App with API Integration (GitHub / LiveLink)** **June 2025**

HTML, CSS, JavaScript, API, JSON

- Built a responsive & interactive Weather App using HTML, CSS, & JavaScript. Integrated real-time weather data with API (OpenWeatherMap). Structured user input functionality to search for over 1,000+ cities in the United States.
- Coded to display 3+ parameters like temperature, humidity, and wind speed using JSON data and DOM manipulation.
- Implemented mobile-first responsive design using CSS media queries, ensuring consistent user experience across 3+ devices. Utilized the Fetch API for data handling and followed modern UI principles for a structured layout.

**FoodDash – Responsive Food Ordering Website (GitHub / LiveLink)** **May 2025**

HTML, CSS, JavaScript

- Created a complete front-end food ordering website with a modern UI layout supporting cross-device compatibility and ensured key user interaction features including login/logout, add-to-cart, Update UI in real time of total price calculation and 2 discount coupon functionalities.
- Integrated cart functionality for 15 food items, each with separate pricing and discount functions, using JavaScript to manage state and real-time total updates to simulate real-world food delivery platforms.

**Audio Mate - A Multisensory Learning Aid (GitHub)** **December 2024**

Python, OpenCV, OCR, Arduino

- Designed an multisensory assistance system for visually challenged users using Tesseract OCR with 82–91% accuracy.
- Combined OpenCV and OCR to convert printed text into speech output and tactile Braille using 9 servo motors arranged in a 3x3 matrix.

## EDUCATION

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**B.E. Electronics and Communication Engineering.** **Nov 2021 – May 2025**

St. Joseph's College of Engineering, Chennai, Tamil Nadu.

**CGPA: 79%**

## CERTIFICATIONS

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- Business Vantage English Certificate - Cambridge University (View Credential)
- Full Stacks, Python, JavaScript - PrepInsta (View Credential)