

# Hiren Tumbadiya

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## Summary

Software Engineer with 3+ years of experience building scalable web applications using **Next.js, TypeScript, TailwindCSS, Nodejs, Express, API Development, PostgreSQL, MySQL**, and **cloud-ready architectures**. Strong expertise in UI development, API integration, backend logic, and performance optimization. Proven ability to collaborate with cross-functional teams, write clean, maintainable code, and ship production-ready features. Creator of TweetNest (Twitter clone) with end-to-end system design. Experienced with **Git, Jira, Bitbucket, CI/CD, and agile workflows**.

## Experience

### Mundrisoft Solution

Software Engineer

Pune, India

Dec/2023 - Present

- Built responsive and accessible web apps using **React.js** and Next.js, improving **Lighthouse performance by 30%**.
- Implemented server-side rendering and dynamic routing in Next.js to enhance SEO and load speed.
- Refactored components into reusable modules, reducing code duplication by **40%**.
- Used tools like React Hook Forms, Zod, Redux, and React Query to improve form validation and data handling.
- Worked with WebSocket's, AG Grid, TinyMCE and drag-and-drop features to build integrative user flow.
- Contributed to codebase optimization by cleaning legacy code and improving middleware handling.

### Cosmonaut Technologies Pvt. Ltd

React Developer

Ahmedabad, India

Apr/2023 - Dec/2023

- Developed cross-platform mobile apps using React Native, deployed to Play Store and App Store.
- Integrated payment gateways (Stripe, PayPal, CCAvenue) across the web/mobile, ensuring secure transactions.
- Managed global state with Redux Toolkit and API communication using Axios.
- Built admin dashboard with Tailwind, React and Zod validations to manage app data and analytics.
- Integrated Charts for better user experience.

## Skills

**Languages:** JavaScript, TypeScript, Rust, HTML, CSS, J

**Framework/Library:** React, Next.js, React-Native, Tailwind CSS, Bootstrap

**Backend:** Node.js, Express.js,

**Performance & Web:** SSR, WebSocket, WebRTC, Responsive Design, Accessibility (WSAG)

**API & Data Handling:** Axios, REST APIs, Zod (schema validation)

**Databases:** MongoDB, PostgreSQL,

**Tools & Platform:** Git, GitHub, VS Code Android Studio, X-code

**Computer Science Fundamentals:** Data Structures & Algorithms, Operating Systems, Object-Oriented Programming (OOP), Computer Networks

## Education

Gujarat Technological University - Ahmedabad

Electronics & Communication Engineer

2019 - 2023

7.3 CGPA

## Projects

### ▪ TweetNest – Twitter Clone (Full Stack)

Built a Twitter like social app with authentication, tweet posting, comments, chat, and bookmark.

**Tech:** Next.js, Prisma, PostgreSQL, Lucia Auth, Tailwind, Shadcn, Tan Stack Query, Stream Chat.

- Implemented authentication, user profiles, image uploads, and real time chat using stream chat.
- Designed reusable UI components and optimized SSR for SEO performance.

[GitHub](#), [Live Link](#)

### ▪ Ozone-Realm – 1V1 Tic Tac Toe Game with Video and Voice Chat

Real Time two player Tic Tac Toe game supporting video and voice calls using WebRTC and WebSocket's.

**Tech:** Next.js, WebRTC, WebSocket's, Clerk Auth, Tailwind, Node.js, Typescript.

Implemented peer-to-peer communication using WebRTC for low-latency video and voice chat.

Used custom WebSocket's server to sync game state between two players in real time.

Designed responsive game board UI and state logic for real-time updates.

[GitHub](#), [Live Link](#)

