

# TANU RAI

Frontend Developer | Next.js & React Specialist

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## PROFESSIONAL SUMMARY

Frontend Developer with a Master's in Computer Applications (MCA) and a focus on building high-performance web and mobile interfaces using React.js and Next.js. Expert at translating Figma designs into pixel-perfect, accessible components while maintaining strict performance standards. Experienced in managing complex application state with Zustand and integrating REST APIs to create scalable architectures.

## TECHNICAL SKILLS

- Frontend: React.js, Next.js (SSR/SSG), TypeScript (Basic), HTML5, CSS3, JavaScript (ES6+).
- Styling: Change to "Tailwind CSS (v4), Material UI, Figma-to-Code conversion, Responsive & Mobile-First Design.
- State Management: Zustand, Context API, Redux.
- Tools & APIs: REST API & GraphQL Integration, JSON, Frontend Debugging, Performance Optimization.
- Soft Skills: Agile Methodology, Data Integrity, Cross-functional Collaboration (Product, Backend, Design).

## PROJECTS:

### 1. AI Interview Question Simulator | Next.js, Tailwind CSS, Zustand

- Engineered a responsive, high-performance UI for an AI Interviewer using Next.js and Zustand; implemented lazy loading and skeleton screens to improve page load times by 40%.
- Managed global state via Zustand, ensuring seamless data flow and modular component architecture.
- Translated complex requirements into modular, reusable components, ensuring cross-browser compatibility and 100% mobile responsiveness.

### 2.Pixel Weather Dashboard | React, Tailwind CSS, OpenWeather API

- Developed a pixel-perfect Weather UI using React and REST APIs; implemented a Local Storage caching strategy that reduced redundant API calls by 60% and improved initial render speed.
- Made modular, reusable components with Tailwind CSS, ensuring 100% mobile responsiveness and pixel-perfect design.

## WORK EXPERIENCE

### Process Associate-II | [IDS Infotech Pvt. Lmt.]

Jan 2023 - Jun 2025

- Collaborated with international stakeholders to resolve high-priority data discrepancies within strict 24-hour cycles, maintaining 100% data accuracy—a discipline now applied to writing clean, maintainable frontend code.
- Analyzed and resolved billing discrepancies, maintaining 100% data accuracy and compliance with international privacy standards (HIPAA).

## EDUCATION

### Master of Computer Application

Jul 2022 - Jun 2024

Lovely Professional University | Jalandhar

- Relevant coursework in Database Systems, Computer Science, Operations Management, Management, Business Software Development.

### Bachelor of Computer Application

Jul 2019 - Jun 2022

Smt. Rama Chopra College

- Relevant coursework in Database Systems, Computer Science, Operations Management, Management, Business Software Development.

## CERTIFICATIONS & ACHIEVEMENTS

- Java & Data Structures: Specialized in Object-Oriented Programming and efficient algorithm design.
- HackerRank Certified: Verified in React and JavaScript.
- Top Performer of the Year – 2024 for excellence in patient calling, billing resolution, and quality audits.
- Boosted patient satisfaction through empathetic communication and faster resolution time.