

# Tanya Singhal

Software Engineer

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## SUMMARY

Software engineer with 1 year of experience building and shipping production web and mobile applications across the full stack React, Next.js, React Native, Node.js, Express, and TypeScript. Comfortable owning features end to end: REST API design, authentication and role-based access, third-party integrations, and real-time systems, with hands-on AWS deployment. Focused on shipping reliable, user-facing functionality and taking ownership from requirements through release.

## SKILLS

**Languages:** JavaScript, TypeScript, Java

**Frontend:** React.js, Next.js, React Native, Redux Toolkit, Tailwind CSS, shadcn/ui

**Backend:** Node.js, Express.js, REST APIs, Socket.io, JWT, cookie-based authentication

**Databases:** PostgreSQL, MongoDB, Prisma

**DevOps & Cloud:** AWS (EC2, S3, Lambda, RDS), Docker, Git, Vercel, Render

**AI-assisted development:** Cursor, Claude, GitHub Copilot

## EXPERIENCE

### Software Engineer, HiTouchCx Pvt. Ltd.(Reboo8)

10/2025 – Present

Gurugram, Haryana

- Designed and shipped core product modules — onboarding, user workflows, and operational dashboards for a gig-based SaaS platform built to support 2,000+ concurrent users.
- Built a Tailwind CSS design system with 20+ reusable components as a single source of truth, so UI changes propagate platform-wide from one place, eliminating redundant edits and accelerating feature development.
- Integrated third-party KYC verification into onboarding, replacing manual identity checks with automated verification and cutting verification time from minutes per applicant to near-instant.
- Built secure authentication and role-based access, session handling, protected routes, and permission-based UI, to safeguard sensitive product features.

### Full-Stack Developer, Mogi I/O

05/2025 – 10/2025

Saket, Delhi

- Integrated React/React Native frontends with Node.js/Express REST APIs across web and mobile features.
- Built an end-to-end auto-suggestion search feature from UI to backend, improving search usability and speed.
- Developed React Native modules (modal workflows, feedback/rating flows) to improve in-app engagement.

## PROJECTS

### Rydex — Ride-Booking Platform

[Live Demo](#) | [GitHub](#)

**Tech:** Next.js 15, Socket.io, Redux Toolkit, NextAuth v5, Razorpay, Cloudinary, TypeScript, Vercel, Render

- Built and deployed a ride-booking platform with three role flows (User, Partner, Admin) and a full ride lifecycle: booking, OTP-verified pickup/drop, live driver chat, and payments.
- Orchestrated 6+ third-party APIs (Razorpay, Zego video KYC, Cloudinary, Geoapify) with real-time GPS tracking via a dedicated Socket.io server and NextAuth v5 authentication.

### Videomanch — Creator & Video Platform.

[Live Demo](#)

**Tech:** React, Next.js, Node.js, REST APIs, FFmpeg, video transcoding pipeline, cloud deployment

- Built reusable React components for creator pages and core platform UI, improving frontend consistency and reducing duplicated UI across the product.
- Contributed to an FFmpeg-based video transcoding pipeline handling upload-to-playback processing (compression, format conversion, media-readiness), supporting reliable video publishing.
- Integrated frontend components with backend APIs for media status and publishing workflows, streamlining the creator upload-to-publish experience.

### HireReady — AI Interview Prep Platform

[Live Demo](#) | [GitHub](#)

**Tech:** MERN (MongoDB, Express, React, Node.js), Firebase Auth, OpenRouter (GPT-4o-mini), Razorpay, Web Speech API, JWT, REST APIs

- Built a full-stack AI mock-interview platform with voice-based interviews, real-time scoring, and company-specific question generation using OpenRouter (GPT-4o-mini).
- Engineered resume parsing with PDF.js to auto-extract skills and projects, personalizing AI-generated questions to each candidate's profile.

## EDUCATION

### B.Tech, Electronics & Instrumentation Engineering

11/2021 – 06/2025

Institute of Engineering & Technology, DAVV, Indore | CGPA: 7.04

## LEADERSHIP & ACTIVITIES

- Led technical college events with 1,000+ participants — logistics, sponsor relations, and chief-guest operations.
- Organized a State-level chess tournament (06/2026) — sponsorship outreach and event operations.