

Om Raiwade

Web Developer & AI Engineer

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SUMMARY

I build software that solves real problems for real users, not portfolio pieces. My apps run in production: RaktSetu (live on the Play Store) connects blood donors to people who need them urgently, matching on real compatibility rather than exact blood-group equality. CSM News Desk is a public newspaper archive my college actually uses. DyanSetu is a live quiz-based learning platform. I work mainly in React Native, Next.js, and Firebase, with a growing focus on Generative AI and intelligent agents.

PROJECTS

RaktSetu — Blood Donor Network

Android app on Google Play | github.com/Raiwadeom/raktsetu

- Connects people who urgently need blood with nearby verified volunteer donors; matches on real red-cell compatibility (not exact blood-group equality) so a request for A+ also reaches O-, O+ and A- donors.
- Donor profiles are ID-verified by an admin before anyone can post or answer a request; every request is tracked through to closure.
- Built without a paid backend — donor matching, notification fan-out and push delivery run client-side against Firestore security rules, with no Cloud Functions.

Tech: React Native, Expo, TypeScript, Firebase, Firestore Rules, FCM, EAS Build

CSM News Desk — Press-Cutting Archive

csm-news-desk.vercel.app | github.com/Raiwadeom/csm-news-desk

- Pinterest-style public archive of the college's newspaper cuttings; anyone can browse, open a cutting full-screen and download it with no sign-in required.
- Scans upload browser-to-Cloudinary through signed requests, so large images never pass through a serverless function; one set of components serves both public and admin views via a readOnly prop.

Tech: Next.js, Firebase Auth, Firestore, Cloudinary, Vercel

DyanSetu — Learning Platform

dyansetu.vercel.app | github.com/Raiwadeom/dyansetu

- Quiz-based learning app deployed on Vercel with serverless API routes and Firebase behind it.

Tech: Vite, JavaScript, Firebase, Vercel Serverless

EXPERIENCE

Technical Lead — Competitive Programming Club, Udgir, Maharashtra

Sep 2025 – Apr 2026

Administrative Assistant (Internship) — Shivaji Mahavidyalaya, Udgir

May 2026 – Jul 2026 | Udgir, Maharashtra, India · On-site

ACHIEVEMENTS

- **1st Prize, Web Designing** — TECHNOVA 2026, Chhatrapati Shivajiraje Mahavidyalaya, Udgir
- **Selected among 20 participants** — Hackathon 2026 (SRTMU Nanded); presented ARC-SAS, an AI-based career readiness and skills assessment system

EDUCATION

Swami Ramanand Teerth Marathwada University (SRTMU), Nanded

B.Sc. Computer Science | Jun 2025 – May 2028 | SGPA: 8.82 (First Year)

Model English School

CERTIFICATIONS

- Full Stack Web Development — Udemy (Issued Oct 2025)

SKILLS

Languages	TypeScript, JavaScript, Python, Dart, SQL
Mobile	React Native, Expo, EAS Build & Submit, Flutter
Web	Next.js, React, Node.js, Vite, HTML, CSS
Backend & Data	Firebase (Firestore, Auth, FCM, Security Rules), MongoDB, REST APIs, Cloudinary
Tools	Git, GitHub, Vercel, Google Play Console