Sajal Rajhans

Full-Stack Software Engineer | React Native, React, Next.js, Node.js

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SUMMARY

Full-stack software engineer shipping web and mobile apps end to end with React, Next.js, React Native, Node.js and TypeScript. As a remote full-stack intern at Bill Consulting GmbH (Germany), built a live CRM used by a Swiss company's field sales team. Oracle Certified Generative AI Professional, fluent with AI coding agents.

SKILLS

Languages: TypeScript, JavaScript, SQL, Python, C++

Frontend: React, Next.js, Vite, Tailwind CSS, shadcn/ui, TanStack Query (React Query), Zustand, Framer Motion, GSAP, Three.js (WebGL), Progressive Web Apps (PWA)

Mobile: React Native, Expo, Expo Router, Reanimated, iOS and Android

Backend and data: Node.js, Express, REST APIs, OpenAPI, WebSockets (Socket.IO), WebRTC, PostgreSQL, Supabase, Prisma, Drizzle ORM, MongoDB, Airtable, Zod, JSON Web Token (JWT) and session authentication, Clerk

AI: Generative AI, Google Gemini API, agentic development with Claude Code and Replit Agent

Tools: Git, GitHub (pull requests, code review), pnpm monorepos, Vercel, Replit, Expo EAS, Postman, Figma

EXPERIENCE

Full-Stack Developer Intern | Bill Consulting GmbH, Germany (remote) Jul 2026 – Sep 2026

- Built and shipped Youvia CRM, a mobile-first Progressive Web App that youvia AG's 12 field sales coaches in Switzerland use for appointments, customers, orders, tasks and visit reports.
- Designed its 32-endpoint Express 5 API over Airtable, with session login, bcrypt-hashed passwords in PostgreSQL (Drizzle ORM), and TanStack Query hooks and Zod schemas generated from one OpenAPI spec.
- Built the Fulfillment System marketing site and a company website redesign in Next.js 16 with Motion, GSAP and WebGL, plus a Supabase time-tracking dashboard for the team.

Frontend Developer Intern | YIPXYZ Inc. (Dollar Vibe Club), Belgium (remote) May 2026 – Jun 2026

- Built the frontend for version 3 of dollarvibeclub.com, a free community for learning vibe coding, in React, Vite, Tailwind CSS, Framer Motion and Supabase.
- Designed the DVC logo, still in use today.

Freelance Graphic Designer and Video Editor | Fiverr (remote) Aug 2024 – Nov 2025

- Delivered YouTube edits and brand graphics for 20+ international clients, earning $700+ while studying full time.

PROJECTS

B2G Pomodoro, productivity app | React, TypeScript, Vite, Motion, Zustand, PWA b2gpomodoro.vercel.app

- Launched an installable productivity app (Pomodoro timer, clock, time-of-day scenery) that works offline, keeps exact time in the background and notifies when sessions end; 59 users.
- Hardened it with a strict Content Security Policy, and recovered frames on weak GPUs by shrinking a blended grain overlay to the viewport and dropping hidden backdrop blurs.

Talksy, real-time chat app | React Native (Expo Router), TypeScript, Node.js, Socket.IO, MongoDB GitHub

- Built a full-stack iOS and Android chat app with one-to-one and group messaging, media messages and live delivery over WebSockets (Socket.IO).
- Designed its Node.js and Express API with JWT authentication, profile updates and MongoDB persistence.

CardioGuardAI, AI cardiac monitoring | React Native, ESP32, machine learning, Google Gemini API GitHub

- Built patient and caretaker mobile apps for a 4-person team that stream live ECG, heart rate, HRV and SpO2 from ESP32 sensors and flag normal, suspicious or critical risk with an ML model.
- Added a Google Gemini chatbot that gives first-aid guidance during cardiac or panic events.

Also shipped: Sunset Hollow, a Three.js survival game in a 434 kB download (sunset-down.vercel.app), and MAFIA, a peer-to-peer WebRTC multiplayer card game (mafiathegame.vercel.app).

EDUCATION

B.E., Electronics and Communication Engineering | JSS Academy of Technical Education, Bengaluru (VTU) 2023 – 2027

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Certified Generative AI Professional | Oracle Oct 2025 (valid to Oct 2027)

ACHIEVEMENTS

- Founded SR Media, an AI video-ad studio for direct-to-consumer brands; $500 in revenue in its first three months.
- 8th of 80 finalists (250+ applied) at TetherX, CodeChef VIT Chennai's national hackathon; 4th in healthcare.