

JAY KERKAR

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FULL-STACK WEB & MOBILE DEVELOPER

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, SQL, C

Frameworks & Libraries: React, React Native, SvelteKit, Next.js, Solidity, Circom

Tools: Git, GitHub, Prisma ORM, Vercel, Docker, Firebase, Postman

Other Skills: Progressive Web Apps (PWAs), CI/CD, WebRTC, WebSockets

WORK EXPERIENCE

Xangars Infra | Full-Stack Developer

Jun 2025 - Jul 2025

- Built a SaaS platform using **Next.js** and **Prisma** for **IIB** to streamline ROHINI hospital registrations with customizable form schemas.
- Integrated **GPS-based location locking** and audit trails to ensure hospitals can register only from their premises.
- Enabled IIB to centrally **monitor and verify registrations** submitted by hospitals across India in real-time.

PROJECTS

ChronoVault | Web3 wallet with TOTP 2 factor authentication ([Live](#) | [GitHub](#)) Oct 2025
(Next.js, TypeScript, Solidity, Circom, snarkjs)

- Built in **ETHGlobal 2025** Hackathon
- Setup and deployed the ChronoVault smart-wallet on the testnet environment using Account Abstraction.
- Integrated the ZK-based Circom circuit with the frontend for end-to-end proof generation and verification.

RepWise | AI-Powered Fitness Companion ([Live](#) | [GitHub](#))

Apr 2025

(Svelte, SvelteKit, TypeScript, MediaPipe, Prisma, and PostgreSQL, WebRTC)

- Built in **HackByte 3.0** Hackathon
- Created the **front-end** for the entire application.
- Worked on an **Agent using ToolSpec** which recommended the exercises based on user health.
- Added a **Macro Tracking** feature based on product's barcode.

EDUCATION

Vivekanand Education Society's Institute of Technology

2023 - 2027

- Bachelor of Engineering in Information Technology

CGPA: 9.88

ACHIEVEMENTS

Winner at [ETHOnline 2025](#) – Ranked Top-10 globally out of 634 projects.

2nd Place (Track Prize) in Hardhat 3 at [ETHOnline 2025](#).

Top-10 at [Hackbyte 3.0](#) – Central India's largest hackathon, competing among 125 teams.

Runner-up at [Hacx 3.0](#) – Secured 2nd place at NMIMS Navi Mumbai's hackathon.