

Sahil Kakwani

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PROFESSIONAL EXPERIENCE

React-Native Developer

ZKRed

Nov, 2024 - Present

- Designed and developed a Self-Sovereign Identity wallet app, enabling users to generate and verify zero-knowledge proofs seamlessly.
- Successfully integrated WebAssembly directly into the app, eliminating the need for web views and reducing processing overhead by 25%.
- Improved circuit download and storage efficiency by implementing optimized mechanisms, reducing download times by 40%.

Software Engineer

Stello

Feb. 2024 - Oct, 2024

- Developed a robust, production-ready multi-chain wallet supporting Ethereum, Bitcoin, Solana, and Tron, ensuring seamless cross-chain functionality.
- Designed and implemented intricate animations for the main website, enhancing user engagement and visual appeal.
- Integrated advanced features such as token swaps, cross-chain bridging, and browsing, providing a comprehensive and intuitive in-app user experience.

Software Engineer (Contract)

Saganize

Dec, 2023 - Feb, 2024

- Developed and integrated a cross-platform SDK enabling seamless in-app Solana transactions.
- Implemented user interfaces and integrated a webview for secure transaction handling.
- Created comprehensive tests to ensure robust error handling and edge case coverage.

PROJECTS

LensPlay (React Native, Expo, GraphQL, PostgreSQL, Express, GoLang)

- LensPlay is a native decentralized video sharing app built on top of lens protocol.
- Created a complete application featuring a user-based feed, explore, profile, real-time notifications, and the ability to collect videos as NFTs, and mirror videos.
- Developed an indexer to store on-chain activities in a database, specifically for notifications and built a video player that supports gestures.
- We got 10k+ registration on waitlist, 300+ downloads within 36 hours, Total 1K+ downloads

CarbonPay (React Native, Expo, PostgreSQL, Express)

- CarbonPay is Solana's first carbon-negative wallet app.
- Developed a wallet enabling users to send transactions while offsetting their carbon footprint.
- Collaborated with green initiatives to deliver a sustainable and environmentally friendly solution.
- Achieved the Climate Prize at the Solana Hyperdrive Hackathon.

TECHNICAL SKILLS

Javascript, Typescript, SQL (Postgres), MongoDB, React, Next, React Native, Node.js, Express.js, Expo, Tailwind, Git, Docker, Redux, Redux-Toolkit, Zustand, Prisma