

# SIMRANJEET SINGH

## Fullstack Frontend Developer

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## 📁 PROFESSIONAL EXPERIENCE

### Fullstack web3 Developer - (Solidity, React Native, React.js)

#### Pop

📅 Jan 2023 – Present

📍 Remote, Dubai

- Building a decentralized SocialFi App - **Pop**.
- Built a RN **wallet-login module** using walletconnect and web3auth, linking wallet & user, assign username w/ a Name Service (like ENS), and profile pic as NFT, creating a unique user identity on-chain.
- Developed an **in-app Wallet** having all basics functionality such as send, receive tokens and track transactions history.
- Build a fully decentralised **NFT marketplace** with 3 types of Buy and Sell with both ERC721 and ERC1155 support.
- Improved app data fetching and other optimizations such as modals, images etc., making for a much smoother experience.
- Tech used: *RNUILib, ether.js, metamask-sdk, web3auth, walletconnect.*

### Fullstack Developer - (Nodejs, React.js, Polygon)

#### Colexion

📅 July 2022 – Dec. 2022

📍 Gurgaon, India

- Worked on core APIs for the **TopRun** - Cricket Fantasy Mobile Game.
- Re-wrote whole backend & sql procedures, in express.js using **sequelizeORM** with microservice architecture.
- Built a NFT Admin Management Dashboard w subgraphs & ether.js.
- Worked on a NFT Marketplace frontend with contract integrations.
- Tech used: *sequelize, postgresQL, ether.js, tailwind, IPFS, subgraphs.*

### Fullstack Developer - (React.js, Firebase, Solana)

#### Cykura

📅 July 2021 – May 2022

📍 Remote

- **CycloSwap** - the most advanced swap interface on Solana.
- Created **dynamic price charts** w/ token-based price denomination.
- Worked on both **V1** and **V2** webapp for AMM.
- Built API auto generating **dynamic SVG NFT** portraying live LP.
- Built **Indexer** for **TVL / Volume analysis** for liquidity pools.
- Tech used: *candy machine, hasura, cloud-functions, styled-components*

### React Developer Intern - (React.js, Figma)

#### Surepass

📅 Nov. 2020 – Apr. 2021

📍 Remote

- Background Verification Dashboard for HR. [Visit](#) 📄
- E-Sign App with collaborations and docs management. [Visit](#) 📄
- Tech used: *Figma, MaterialUI, Redux, React-Hook-Form, React Query*

## 🔗 OPEN SOURCE 📄

- [project-serum / swap-ui](#)
- [maticnetwork / matic-docs](#)

## </> TECHNICAL SKILLS

### React.js + Native | Typescript | Solidity | Rust

Stuff I have good experience with :

- FE : Next.js , Three.js , Svelte , Solidjs , Expo , tRPC , RSC , Redux , Zustand , Jotai , React Query ...
- BE : Node.js , Express , Sequelize , Prisma , tRPC ...
- ETH : solidity, foundry, hardhat, ethersjs, subgraphs ...
- Solana : anchor, web3.js, walletkit, metaplex, gum ...
- UI : Tailwind , RadixUI , MUI , ChakraUI, Mantine ...
- BaaS : Firebase , Supabase , Hasura , Twilio , Stripe ...
- DB : MySQL , PostgreSQL , Redis , MongoDB ...

## 📁 PROJECTS 📄

### Grid1 — Solidity , Subgraph , React.js

- Built at **ETHIndia 2022 Hackathon**.
- A **Forkable-NFT Collection** builder dapp deployed on Polygon Mainnet.
- Using React for UI and The Graph for contract API's.

### Chatter Box — React.js , Supabase , Tailwind

- Open Room Chat app build using Supabase channels.

### Ethernaut Solutions — Solidity , Security

- Solutions for Web3/Solidity based wargame, hacking and learning various smart contract exploits.

### MATES Warriors — React.js , Firebase , ChakraUI

- Open Community driven webapp to help connect needy during the Covid-19 outbreak .
- A platform that can help connect the donors, receivers and caregivers.

### DumpBox — React , Firebase , Tailwind

- A personalized Google Drive Clone using Firestore.
- Upload files with nested folder structure storage routes.

### Game Dev — Unity, Blender, Python

- Developed and Published two unity games: *FreakyFrog* and *Cubathon*
- Various **Python Games** - built using *pygame*

## 🎓 EDUCATION

### Bachelor of Technology

Computer Science and Engineering

### Guru Gobind Singh Indraprastha University

📅 Aug. 2018 - July 2022

📊 GPA: 8.4

### Three.js Journey

Course by **Bruno Simon**

📅 Ongoing