SIMRANJEET SINGH

Blockchain / Frontend Developer

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💼 PROFESSIONAL EXPERIENCE

Blockchain Frontend Engineer
Colexion

📅 July 2022 – Present   • Gurgaon, India

- Working on Building a GameFi NFT MarketPlace on Polygon.
- Integrating **MyTeam11** fantasy game with a Web3 Marketplace.
- Built NFT Management Admin Dashboard integrated with metamask.
- Created a complete Marketplace frontend with contract integration.
- Used web3 tools/sdks such as etherjs, ipfs, infura, wallets, subgraph, remix, hardhat etc.
- Worked on Nodejs APIs for the Mobile App.

Blockchain Frontend Engineer
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**.
- Launched **Le Cougar Clique** NFTs on Solana using candy-machine v1.
- Created API to generate **NFT** for liquidity positions.
- Built **Indexer** for **TVL/Volume analysis** of the protocol.

Software Developer Intern
Surepass

📅 Nov. 2020 – Apr. 2021   • Remote

- Developed multiple ReactJs based SaaS web applications using **Redux**, **MaterialUI**, **React-hook-form**, **ReactQuery** etc.
- Improved designs and architecture of other SDKs and web apps.

ReactJs Developer Intern
Prixled

📅 Oct. 2020 – Nov. 2020   • Remote

- Worked on building a frontend of **social media blogging** site.

🎓 EDUCATION

Bachelor of Technology,
Computer Science and Engineering

Guru Gobind Singh Indraprsatha University

📅 2018-2022   • Delhi, India
% GPA: **8.4**

Python 3 Programming - Specialization
University of Michigan, Coursera

</> TECHNICAL SKILLS

Typescript | Solidity | Rust | Python

- Web3 : Ethereum (EVM) , Subgraphs , Solana
- React , Next.js , Redux , GraphQl , Three.js
- CSS , Material UI , Tailwind , Chakra UI
- Node.js , MongoDB , Hasura , Firebase
- Git , Docker , AWS , Jira
- Data Structures and Algorithms
- UI/UX Designs , Figma , Blender

🖥 PROJECTS ↗

CryptoZombies — Solidity, Truffle
- A game simillar to CryptoKitties where you own a zombie and attack on others to level-up and build an army.
- Smart-contract written in solidity and deployed on Rinkeby testnet using truffle.

MATES Warriors — React, Firebase, ChakraUI
- Team project supported by the college faculties.
- A solution that can help connect the donors, receivers and caregivers.

DumpBox — React, Firebase, Tailwind
- Personalized Google Drive Clone.

CLI mini-grep — Rust
- A poor man's grep.

DjangoBlog — Django, Bootstrap
- Blogging App w/ complete authentication, personalized profile and rich text editor

AutoMail — Python3, Pillow, SMTP
- Generates and sends **personalized certificates** in PDF format over email. Requires a template certificate and list of recipient email address in a csv file.

Game Dev — Unity, Blender, Python

🐙 OPEN SOURCE ↗

- **project-serum / swap-ui**
- **processing / processing-website**
- **processing / p5.js-website**
- **kevin-powell / popdog-card-clone**
- **PrettyPrinted / weather-app-django**

🏆 ACHIVEMENTS

- Qualified **Infosys Certification** Program.
- Achieved 5 star in Problem Solving (Algorithms and Data Structures) on *HackerRank*.
- Freelanced for **TesterWork** and submitted bug reports for **Facebook** app.