

SIMRANJEET SINGH

Software Developer

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📍 New Delhi, India

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📁 PROFESSIONAL EXPERIENCE

Blockchain Frontend Engineer

Cykura

📅 July 2021 – May 2022

📍 Remote

- Built **CycloSwap** - the most advanced swap interface on Solana.
- Created **dynamic price charts** w/ token-based price denomination.
- Worked on **AMM-V1** frontend logic and design.
- Launched **Le Cougar Clique** NFTs on Solana using candy-machine.
- Created API to generate **NFT** for liquidity positions.
- Worked on **V2 Webapp** for AMM.
- 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.
- Created various **Figma** sketches for prototype presentations.
- Wrote python scripts for data analysis and automation.

ReactJs Developer Intern

Prixled

📅 Oct. 2020 – Nov. 2020

📍 Remote

- Worked on building a frontend of **social media blogging** site.
- Later also worked with **Django** and helping team with architecture/ design solutions and version control using **Git**.

🎓 EDUCATION

Bachelor of Technology,
Computer Science and Engineering

Guru Gobind Singh Indraprastha University

📅 2018-2022

📍 Delhi

% CGPA: 8.2

Python 3 Programming - Specialization

University of Michigan, Coursera

🏆 ACCOMPLISHMENTS

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

</> TECHNICAL SKILLS

Typescript | Python | Rust | Solidity

- React , Next.js , Svelte
- Blockchain , Ethereum , Solana, Polygon
- Node.js , GraphQL , Firebase
- Docker , AWS , Hasura
- Data Structures and Algorithms
- UI/UX Designs , Figma
- Web Scraping , IT Automation , OpenCV

📁 PROJECTS

CryptoZombies — Solidity, Truffle

- A game similar 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

- Developed and Published two games: **FreakyFrog** and **Cubathon**
- Designed 3D Models/Art using **Blender** and **Python**.
- **Python - Pygame**
 - * **Sudoku Solver** - Recursion and Backtracking.
 - * **A* pathfinder** - A-star algorithm visualizer
 - * **Rock Paper Scissors** - Multiplayer game using web-sockets

🔗 OPEN SOURCE

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