

SIMRANJEET SINGH

Software Developer

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📍 New Delhi, India

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📁 PROFESSIONAL EXPERIENCE

Blockchain Frontend Engineer

Cyclos

📅 July 2021 – Present

📍 Remote

- Worked on building an **Automated Market Maker (AMM)**.
- Enabled App to support multiple **wallets** like **Phantom**.
- Worked on **swap-ui** making multi-market enabled swaps.
- Created dynamic price charts w/ token-based price denomination.
- Implemented **concentrated liquidity market maker** program.

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
- **Solana Developer Advocate**
- 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 , Gatsby , Svelte
- Blockchain , Ethereum , Solana
- Node.js , Express.js , 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](#)