SIMRANJEET SINGH

Software Developer

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💼 PROFESSIONAL EXPERIENCE

Blockchain Frontend Engineer
Cyclos

📅 July 2021 – Present 📍 Remote

- Developing an **automated market maker** (AMM).
- Added feature to connect app with multiple **wallets** such as **Phantom**.
- Worked on **swap-ui** making possible to swap tokens instantly.
- Implemented **concentrated LP** (liquidity-pools) program.

Software Developer Intern
Surepass

📅 Nov. 2020 – Apr. 2021 📍 Remote

- Developed ReactJs based SaaS web applications using **Redux**/Redux Thunk, **MaterialUI**, TailwindCSS, **React-hook-form**, ReactQuery etc.
- Improved UI designs 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 for a startup focusing on building a **social media blogging** site.
- Later worked with **Django** backend team helping with architecture/design solutions and version control using **Git**.

🎓 EDUCATION

Bachelor of Technology,
Computer Science and Engineering

Guru Gobind Singh Indraprsatha University

📅 2018-2022 📍 Delhi

% CGPA: **7.9**

Python 3 Programming - Specialization

University of Michigan, Coursera

🏆 ACHIVEMENTS

- *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.js / Next.js / Gatsby / Svelte
- Blockchain / Ethereum / Solana
- Node.js / Express.js
- Data Structure and Algorithms
- UI/UX Designs + Figma
- Web Scraping + IT Automation / OpenCV

🖥 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

- 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 ↗

- **ethereum / ethereum-org-website**
- **processing / processing-website**
- **processing / p5.js-website**
- **kevin-powell / popdog-card-clone**
- **PrettyPrinted / weather-app-django**