

# 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.
- Created trading-charts for custom token pairs.
- 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 Indraprastha University

📅 2018-2022

📍 Delhi

% CGPA: 8.2

### 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 / Firebase
- Data Structures and Algorithms
- UI/UX Designs / Figma
- Web Scraping / IT Automation / OpenCV
- Blender / Unity3D

## 📁 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**