

# SIMRANJEET SINGH

## Software Developer

@ smrnjeet222@gmail.com

📍 New Delhi, India

🔗 smrnjeet222.github.io

in smrnjeet222 (LinkedIn)

## 📁 PROFESSIONAL EXPERIENCE

### Blockchain Frontend Engineer

#### Cyclos

📅 July 2021 – Present

📍 Remote

- Cyclos is an **automated market maker** (AMM).
- Bringing Uniswap V3-style concentrated liquidity to **Solana**.
- Working on building a decentralised exchange (DEX).

### 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: 7.9

### Python 3 Programming - Specialization

University of Michigan, Coursera

## 🏆 ACHIVEMENTS

- **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.
- Participated in **Hack The Solution** (hackathon) and built a *fitness social media app* promoting **Fit India** movement.
- Participated in **HacktoberFest 2019**.

## </> TECHNICAL SKILLS

TypeScript | Python | Solidity | Rust

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

## 📁 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 — ReactJs, Firebase, Tailwind

- Personalized Google Drive Clone.

### 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

### p5.js-website

- Added support for Hindi Language.

### processing-website

- Working on new website for 'Processing' organisation built using GatsbyJs.