Simarpreet Singh

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ABOUT ME

I have a deep love for both communities and technology. I enjoy turning my ideas into products and presenting them, and I'm constantly learning new things in this process. This has led to my learning of C++ and Java, as well as the building of projects and products using Python, OpenCV, Scrappy, Selenium, and ML. Exploring the Web 3 and Blockchain field right now, learning React Front End Web Development, and trying to turn my ideas into presentable websites Working in the fields of front end development, reversible data hiding using PVO, cryptography in photos and multimedia files, and blockchain at the moment.

COMMUNITY

Web3Panjab 🔗
Founder and organizor
06/2022 – present | New Delhi, India
Focusing on promoting web dev and web3 to tier 2/3 cities and colleges through hands on session.
- Have conducted 2 offline events , 1 online event in last 2 month. Audience connected from different colleges of Chandigarh and Punjab along with working professionals at our meetups. 150+ members have already connected.
- Companies like Rooba.finance and Block8 and WorkCave are connected with us and are our Venue sponser for upcoming events.
- Connecting with local communities to partner and conduct more events to grow together while learning

CPPINDIA 🔗
Moderator-Core Team
2020 – present | New Delhi, India
- Interacted & invited new speakers for weekly sessions
- Catered to attendees' queries during the session on CPP

GDSC GTBIT 🔗
Head of Outreach and Logistic Dept.
2019 – 08/2022 | New Delhi, India
- Managed and ensured smooth execution of events
- Headed the promotional activities, interacted with like-minded communities
- Conducted many events both online and offline during these 3 years.
- This role and participation has taught me so much from taking sessions online and offline to meeting and bringing sponserships for events.

Chapter lead, CoinDCX
Chandigarh Local Chapter Lead
09/2022 – present | Chandigarh, India
Organising Web3Panjab community and being active in communities had given me the opportunity to became Local chapter lead of CoinDCX from Chandigarh.
My main goal will be :
- Promoting Web3 and Blockchain Development culture through different online and offline sessions in partner with CoinDCX
- Connecting regional audience with initiative in open source bounties and programs that are conducted and organised by CoinDCX.

EDUCATION

Bachelors of Technology, CSE
Guru Tegh Bahadur Institute of Technology
08/2018 – 07/2022 | New Delhi, India
Persuing Btech in CSE from GGSIPU.
CGPA : 8.2

Class 12th
Guru Harkrishan Public School, Shahdara
2017 – 2018 | New Delhi, India
Completed my class 12th in Science-Non Medical.
CBSE Board : CGPA : 8.3

Class 10th
Guru Harkrishan Public School, Shahdara
2015 – 2016 | New Delhi, India
CBSE Board : CGPA : 8.6

PROJECTS

Auctioneer 🔗
- Live auction app created using React and storage and authentication using Firebase.
- Live bidding and top bidder can be seen on the platform along with creating new auctions.
- Payment gateways will be integrated soon

Virtual Tweet Gallery 🔗
Memory collection from tweets posted using specific hashtags
Tweet gallery is a project with 2 parts:
- A tweet bot that retweet & likes all tweets with a hashtag
- A virtual gallery website that contains random tweets that are trending on that hashtag
- Sponsored section gallery and live profile tweets from bot account also included in the site
- Bot made using Python, Tweepy, Website made using HTML, CSS, Vanilla JS

Restaurant Menu 🔗
- Restaurant Menu Website Made using React.js
- Multiple card/page implementation on single page

What's Weather there? 🔗
- A weather check app made using React,
- Used openweathermap api for fetching weather and data of different cities worldwide.

WORK EXPERIENCE AND INTERN

Research Trainee Intern
Defense Research and Development Organisation, (DRDO, MoD)
02/2022 – 06/2022 | New Delhi, India
Research Trainee Intern at Scientific analysis Group, DRDO.Researching and working on Reversible Data Hiding in images and multimedia files using steganography and cryptography.
Working on Survey papers for Blockchain

Technical Content Writer
The Sidepath
04/2021 – 06/2021 | New Delhi, India
My role was to write, review and deliver content for technical articles to be published on website or newsletter.

SKILLS

Java, **CPP**,
Python *(Image Processing OpenCV Numpy Pandas Scrapy Selenium)*,
Blockchain *(solidity)*,
Web Devlopment *(HTML CSS JS React.js Express.js Node.js Selenium Socket.io WebRTC)*,
DBMS *(MYSQL MongoDB)*, **CLI/Tools** *(Git Github)*, **Linux**

CERTIFICATIONS

- Responsive Web Design, freeCodeCamp.org 🔗
- Placement Preparation Program, Pepcoding
- Python For Vision and Detection : OpenCv Python 🔗
- Data Analysis with Python, Jovian.ml 🔗

Open Source Contributor
Student Code-In 🔗
06/2020 – 08/2020 | New Delhi, India
In Top 25 contributor of Student Code-In's 3 month contribution drive, where I contributed by creating tutorial notebook 🔗 for German to English translator using seq2Seq and Attention model

OPPORTUNITIES FROM WORKING IN OPEN SOURCE AND COMMUNITIES

Open Source Summit , Dublin, Ireland 22
Attendee and Travel Scholarship
I got the opportunity to attend Open Source Summit, Dublin Ireland 22 as attendee and Travel Scholarship from LFX.

ETH Barcelona
Student scholars, Core Team member
I got selected for student pass to attend ETH Barcelona, and my application also got selected to work in core team of ETH Barcelona for organizing the event.

CPPINDIA CON 1.0, 2.0
Core team member and organizing team
I am part of the core team of CPPINDIA and had organized CppIndiaCon 1.0, 2.0 as a core team member for the online conference.

Community Partners, Web3Dubai
Web3Panjab will be Community outreach partner at Web3Dubai taking place from 16-18 Nov 2022