

# Suvraneel Bhuin

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## EDUCATION

### University of Calcutta

B.Tech in Computer Science Engineering (9.25/10 CGPA)

2019 – 2023 | Kolkata, India

Coursework: Internet Technology, Operating Systems, Data Structures, Design and Analysis of Algorithms, Database Management Systems, Internet of Things, Artificial Intelligence, Theory of Computation

### DAV Model School

CBSE Higher Secondary, AISSCE (89.8%)

2016 – 2018 | Durgapur, India

### The Assembly of God Church School

CBSE Secondary, AISSE (10/10 CGPA)

2016 | Purulia, India

## SKILLS

### Programming & Scripting Languages

C++, JavaScript, TypeScript, Java (OOPs), PHP, Solidity

### Full Stack Web Development (Responsive, 3D)

HTML5, CSS3, TailwindCSS, Bootstrap, React.js, Next.js, MySQL, MongoDB, Node.js, XAMPP, REST APIs

### Other tools & Technologies

Git VCS, GitHub, Postman, React Native, Linux, Flutter, Dart, Web3.0, Figma, Spline (3D Web Design)

## ACHIEVEMENTS

### Winner, Team OpenSourcerers

Won 4+ Hackathons - (Web3.0 Tracks)

#### • HackTriX Hackathon 22, IEEE SRMIST

Built NFT Haven | Certificate

#### • QuiSWE Datafest '22 -

Built DeStackOverflow | Certificate

#### • Chainlink Fall Hackathon '21 -

Built NFT Emporium | Repository

#### • Hack36 Hackathon '21 -

Built Bounty-Gunslinger | Certificate

Qualified GATE-CS (2022) - AIR 4548

### Leader, Team EcoGeeks

HULT Prize

- Hult Regional Finalist - Mumbai Impact Summit
- Innovated eco-friendly wall-farming technology

## ORGANIZATIONS

### CodeClub\_CU ( )

#### • Competitive Programming Lead - Core Team (08/2021-10/2022)

- Promoting Code Literacy on Campus
- Designing, testing & hosting Coding Contests

#### • Student Mentor (C++) - Executive Team Member (01/2021-06/2021)

### GirlScript Summer of Code (GSSOC'21)

02/2021 – 03/2021

- Campus Ambassador - Ranked 4th in top 10 - Hosting sessions with experienced speakers to preach opensource & Git VCS on campus

## INTERESTS

Development, Coding Communities & Volunteering, Podcasting, Reading, PC Gaming, Fine Arts

## LANGUAGES

English, Hindi, Bengali

## EXPERIENCE

### Technical Program Manager

GirlScript Summer of Code (GSSOC'22)

01/2022 – 08/2022

- Recruited and managed the cross-functional organizing team of 30 members
- Directed the workflow of the program & collaboratively built the official website
- Mentored over 6000 contributors during the 3-month-long opensource program
- Partnered with 10+ organizations such as IPFS, FileCoin, Moralis Web3, Mentro and student communities to raise over \$10k monetary and in-kind sponsorship which culminated into collaborative hosting of 15+ hours of workshops, YT sessions, community partnership programs and hackathons.

### Full Stack Web Development Intern

GEOGO Tech Solutions

11/2021 – 02/2022

- Worked under industry professionals to design and implement visually-appealing and user-friendly responsive websites using HTML, CSS, JS and the MERN stack.
- Participated in team meetings and code reviews to discuss project progress and best practices in web development with the mentors.
- Created and consumed various APIs and maintained documentation for them, including design specifications and user manuals.
- Conducted user-testing, peer-reviews and built functional clones of popular websites: CoWIN - Vaccination Appointments, Real-time Weather Forecast, Resume

### Supervisor & Mentor (C/C++ Domain)

GirlScript Winter of Contributing (GWOC'21)

09/2021 – 12/2021

- Maintained a repository with ~900 stars & ~1.6k forks by contributing to the review and acceptance of project contributions, ensuring high quality and consistency
- Provided guidance to 6000+ participants as they learned to contribute to opensource
- Collaborated with project managers and mentors to identify and prioritize development goals and plan project timelines.
- Developed and integrated CI/CD workflows using GitHub Actions automation

### Open Source Contributor

GirlScript Summer of Code (GSSOC'21)

- Ranked among Top 100 active contributors out of 7000+ participants

## PROJECTS

### GirlScript SoC Official Website

Production grade responsive & SEO-friendly website for GS Foundation

NextJS - TailwindCSS - ChakraUI - NPM - Framer Motion

- Web-based application developed for the purpose of showcasing the statistics of previous editions, the list of participating projects and organizations, sponsors, prize pool, FAQs, schedule, and workflow of the annual open-source program
- Developed using agile methodologies and CI/CD pipeline, prototyped in Figma, built using a plethora of npm libraries, deployed on Vercel, includes features like a dynamically-updating paginated leaderboard using GitHub Octokit SDK and on-chain certificate verification
- Proved indispensable in showcasing the impact of the program across student communities during sponsor pitches and drove over 10,000 registrations globally.

### DeStackOverflow

Web3.0 version of the most popular public forum for developers: Stack Overflow

React - Avalanche - IPFS - Moralis - Solidity

- Decentralized:** Metadata of posts gets stored on IPFS and then Avalanche Blockchain
- Karma & Donation** - Users donate crypto to favorite answers which incentivizes the upvoting system and rewards people for their efforts in solving doubts on the platform
- Privacy and Accessibility** - Completely anonymous as the wallet is an individual's identity. No restrictions are imposed as the website is handled by a smart contract.
- Won the Blockchain track at QuiSWE Datafest 2022 hackathon and received a microgrant of 5000\$ from IPFS/Filecoin Foundations

### NFT Haven

DApp serving for NFT-generation, minting & trading

Moralis - Chainlink - Web3.js - React - Node.js

- Web-based multichain Defi Dashboard that allows minting and tracking of assets on multiple chains and creation of personal NFTs on Polygon with a friendly UI.
- Soulbound Token NFT Minter: Any digital asset important to an individual (eg, Certificates, Important Documents) can be attached to a wallet and preserved forever
- Lightning NFT Network: Mint NFTs at blazing speed across multiple ecosystems (Ethereum, Binance Smart Chain, Polygon) and gift them to friends/loved ones.