

# Suvraneel Bhuin

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in suvraneel-bhuin   Suvraneel   SuvraneelB   LeetCode   CodeChef   HackerRank  
DEV.to   Codepen   Diablo#1147

## SUMMARY

- Well-versed in Data Structures, Algorithms & Object Oriented Programming Skills
- Responsive Web Development, Mobile Application Development, Machine Learning Enthusiast
- Collaborative Open Sourcing, Innovation, Problem-solving & quickly mastering new technologies is my passion

## EDUCATION

### B.Tech in Computer Science Engineering UCSTA, University of Calcutta

2019 – 2023 | Kolkata, India

Established in 1914, it is accredited by NAAC, AICTE and it is affiliated with the University of Calcutta.

NIRF '21 Rank - 4, ARWU '21 Rank - 2

### Passed AISSCE (89.8%), CBSE

DAV Model School

2016 – 2018 | Durgapur, India

### Passed 10th (10 CGPA), CBSE

AG Church School

2016 | Purulia, India

## SKILLS

### Programming Languages

C++, Java, JavaScript, Python

### Web Development

HTML5, CSS3, Bootstrap, JavaScript, MongoDB, Express, React, NodeJS, Postman

### Android App Development

Flutter, Dart, Android Studio

### Machine Learning Libraries

Pandas, Tensorflow, Numpy  
Scipy, Scikit-learn, Keras, Matplotlib

### Tools & Project Management

Git, GitHub, Visual Studio Code, Microsoft Azure, CodePen, Repl.it

## ACHIEVEMENTS

### Leader, Team EcoGeeks

HULT Prize

- Hult Regional Finalist - Mumbai Impact Summit
- Runner Up - Hult On-Campus Round, University of Calcutta
- Developed innovative, eco-friendly yet productive wall-farming technology

## EXPERIENCE

### Program Manager

GirlScript Summer of Code (GSSOC'22)

01/2022 – present

- Recruiting, onboarding & assigning tasks to organizing team members
- Managing the entire workflow of the Open Source program
- Guiding & helping 8000+ contributors embark on their Opensource journey
- Hosting workshops, community partnership programs & contests

### Full Stack Web Development Intern

GEOGO Tech Solutions

11/2021 – 02/2022 | Kolkata

- Certificate of Internship
- Built various projects implementing the MERN Stack
- Built completely functional clones of popular websites
- Assimilated numerous API - creation, consumption & testing

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

GirlScript Winter of Contributing (GWOC'21)

09/2021 – 12/2021

- Helping 6000+ contributors learn & start their Open Source journey
- Maintaining a repository with ~900 stars & ~1.6k forks
- Developed bot & integrated workflow for smooth & efficient functioning of the repository with automation
- Maintainer & reviewer for HacktoberFest-accepted contributions

### Open Source Contributor

GirlScript Summer of Code (GSSOC'21)

02/2021 – 06/2021

- Profile | Certificate
- NeoAlgo - 17 Issues with 14 merged PRs | AlgoTree

## PERSONAL PROJECTS

### NFT Emporium

DApp serving for NFT-generation, minting & trading

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

- Lightning NFT Network - Mint NFTs in blazing speed across multiple ecosystems (Ethereum, Binance Smart Chain, Polygon)
- Multi-chain minting is available, and a randomly generated & minted character is assigned to each wallet

### Short-term Stock Market Price Trend Prediction

Deep Learning System - LSTM

- Scraping stock price data of various equities from NSE website, preprocessing, normalizing & finally training an LSTM model on it.
- Evaluating the accuracy of the model using metrics (like RMSE & MAE) and comparing its hyper-parameters (optimizers & activation functions)

### CoWIN Clone

Fully functional clone of cowin.gov.in

React-Redux-Bootstrap-JSSoup-Postman-Express-MongoDB-NodeJS

- CoWIN API - provides API endpoints for all the components involved in a COVID-19 vaccination service
  - Registration of new beneficiaries, book appointments, expiry notification
  - Administration - CRUD vaccination centres & available slots in batches
  - Vaccination Centres - complete Appointments & update Doses


## COURSES


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Data Structures & Algorithm Design  
Database Management Systems  
Object Oriented Programming  
Operating Systems & Bash Scripting  
Computer Organisation & Architecture  
Microprocessor & Assembly Language Programming  
Software Engineering  
Distributed Systems  
Discrete Maths, Probability & Graph Theory


## CERTIFICATES


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**Responsive Web Design (11/2020)**   
*Developer Certification (300 hours) - Free Code Camp*

**GSSOC '21 Contributor (06/2021)**   
*Credential : GSGSSOC21P0217*

**Data Structures & Algorithms**   
*Certificate of Appreciation - GirlScript.tech*

**Java Certification (09/2020)**   
*Credential : E66336516239 - HackerRank*

**Google AI Explore Machine Learning (12/2019)**   
*- Intermediate Track  
- Beginner Track*

**ATMega MicroController - Arduino**   
*Certificate of Appreciation Hands-on Training Project  
Dept. of Electronics, DDUC, University of Delhi*

## **Meteorologyly**

*Minimalist Weather Forecasting Web Application*

**HTML5-CSS3-Javascript-Bootstrap-Chart.js-APIs**

- Fetches detailed current weather data or 7 day forecast using OpenWeatherMap API, GoogleMapEmbed API, and visualizations using Chart.js
- Manifests all weather data by Geolocation, Top Searched Cities or City Search

## **Diablo Music App**

*A minimalistic dark-UI music player*

**Android Studio - Flutter - Dart**

- Utilises Firebase-authenticated login.
- Doubles as local & online music player mobile app

## ORGANISATIONS


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**CodeClub\_CU( )**;

*Competitive Programming Lead*



01/2021 – present

- **Competitive Programming Lead - Core Team** (08/21-Present)
  - Promoting Code Literacy in Campus
  - Designing, testing & hosting Coding Contests
- **Student Mentor (C++) - Executive Team Member** (01/21-06/21)
  - Educating beginners in Data Structures & Algorithms

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

*Campus Ambassador*

02/2021 – 03/2021

- Ranked **4th in top 10**  Campus Ambassadors (out of 57  )
- Educating juniors about open-sourcing, Git & GitHub
- Hosting sessions with distinguished, experienced Alumni speaker

## INTERESTS

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PC Gaming | Coding | Development | Reading | Music

Fine Arts & Painting

## LANGUAGES

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English • Hindi • Bengali