



# Suvraneel Bhuin

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09/06/1999

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suvraneel-bhuin

Suvraneel

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

### Responsive Web Design

HTML5, CSS3, JavaScript, React, NodeJS

### 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

### Full Stack Web Development Intern

GEOGO Tech Solutions

11/2021 – Present | Kolkata

### 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 - Contributed to DSA repository

## PERSONAL PROJECTS

### NFT Emporium

DApp serving for NFT-generation, minting & trading

11/2021 – present

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 now made easy all in one place!
- Simple game that assigns a randomly generated character to each wallet

### Short-term Stock Market Price Trend Prediction

Deep Learning System (FE + RFE + PCA + LSTM)

10/2021 – present

Scraping stock data of different tickers from NSE website, preprocessing it, Min-max Scaling, Feature Engineering, Recursive feature elimination, converting it to Time-series data & finally training an LSTM model based on RMSE & Adam optimizer & using 4-layered RNN.

### Diablo Music App

A minimalist dark-UI music player

2021

Android Studio - Flutter - Dart

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

### Meteorology

Weather Web Application

2021

HTML5-CSS3-Javascript-Bootstrap-APIs

- Minimalist Weather Forecasting Web Application
- Fetches current or 7day forecast weather data using OpenWeatherMap API & GoogleMapEmbed API
- Fetch by Geolocation, Top Searched Cities or City Search

## COURSES

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Computer Programming  
Data Structures & Algorithms  
Algorithm Design & Analysis  
Database Management Systems  
Object Oriented Design  
Operating Systems & Bash Scripting  
Computer Organisation & Architecture  
Microprocessor & Assembly Language Programming  
Software Engineering  
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 using Arduino IDE**  
*Dept. of Electronics, DDUC, University of Delhi*  
2020

- Certificate of Appreciation 
- Hands-on Training Project Submission

## 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

## LANGUAGES

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English • Hindi • Bengali

## INTERESTS

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PC Gaming | Coding | Development | Reading | Music

Fine Arts & Painting