



# Suvraneel Bhuin

## Aspiring Software Development Engineer

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09/06/1999

Suvraneel

in suvraneel-bhuin

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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

## EXPERIENCE

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

GirlScript Winter of Contributing (GWOC'21)

09/2021 – present

- 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, trading & as marketplace

11/2021 – present

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

### Short-term Stock Market Price Trend Prediction

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

10/2021 – present

- Time Series Analysis
- Feature Engineering (FE)
- Recursive Feature Elimination (RFE)
- Principal Component Analysis (PCA)
- Long-short Term Memory networks (LSTM)

### Diablo Music App

A minimalistic dark-UI music player

2021

- Firebase Integrated Authentication
- Android Studio - Flutter - Dart based Mobile Application

### Portfolio Website

Website citing all my projects, blogs and work

2021

- HTML-CSS-Javascript

### ATMega MicroController using Arduino IDE

Dept. of Electronics, DDUC, University of Delhi

2020

- Certificate of Appreciation
- Hands-on Training Project Submission

## 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

## ACHIEVEMENTS

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### **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

## 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