Suvraneel Bhuin

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in suvraneel-bhuin   ⌂ Suvraneel   🐦 SuvraneelB   ⬡ LeetCode   ⬢ CodeChef   H HackerRank

DEV Dev.to   ⊛ Codepen   ⬛ Diablo#1147

SUMMARY

- Well-versed in Data Structures, Algorithms & Object Oriented Programming Skills
- Full Stack Responsive Web Development, (specialized in Front End frameworks)
- Collaboration, Open Source, Innovation, Problem-solving & quickly mastering new technologies

EDUCATION

B.Tech in Computer Science Engineering (9.36/10.00 CGPA)
UCSTA, University of Calcutta 🔗

2019 – 2023 | Kolkata, India

Established in 1914, accredited by NAAC, AICTE and 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

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

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

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

PC Gaming | Coding | Development | Reading | Music
Fine Arts & Painting

🌐 LANGUAGES

English ● Hindi ● Bengali