

# Surajit Mondal

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## Education

**Thakur College of Engineering and Technology** | B.E. Information Technology | **CGPA: 9.92** | **Top 0.2 %** | August 2019 - Present

**Vartak Junior College** | Higher Secondary School | **Percentage: 86.31 %** | **Top 0.5 percentile** | August 2017 - February 2019

**The Saraswati Vidyalaya School** | Secondary School Certificate | **Percentage: 92.80 %** | **Rank 2** | June 2007 - May 2017

## Experience

**LPV WeltWeit Pvt. Ltd.** | **Web Developer** | [View Project](#) | **June 2021 - July 2021**

- Responsibilities included developing, testing, and deploying a Website for conducting Events on the Hostinger Platform.
- Features - Admin Panel, Admin Authentication, Razorpay Payment Gateway, Time-based system for displaying and accepting registration and submission for the Events.

**Data Science using R Programming** | **In-house Internship - TCET** | [View Project](#) | **June 2021**

- Performed analysis of whatsapp group chats which include sentimental analysis using emojis, Finding users with most number of messages, emojis, media sent and related. Analyzed the messages of the users and predicted the ads to be targeted for a better success rate.

## Projects

**Coding Marshals** | *Python, Django, AWS RDS & S3, PostgreSQL, Heroku* | [View Project Demo](#) | [View Source Code](#)

- Developed the project with the primary goal of providing a user-friendly platform for students to organize competitive programming contests with less complication.
- Users can create the Contest in 4 Steps. The creator can control who can participate in the Contest. Writing Blogs, contact us, User Authentication, Update User details, Live Leaderboard is provided.

**Blood Connect** | *Python, Django, HTML5, CSS3, JS, Bootstrap* | [View Project](#)

- Innovative blood bank management system that keeps in track all the information regarding the availability of blood resources, blood bank repositories, request handling, allocation of blood to different places, etc.
- Efficient and dispatch oriented handling of the blood requirements of a city's casualty hospitals is the main objective.

**Flight Fare Prediction** | *Python, Random Forest, Jupyter Notebook* | [View Project](#)

- Analyzing the flight fare prediction using Machine Learning dataset using essential exploratory data analysis techniques.
- Predicting price of the flight based on some features such as what type of airline it is, what is the arrival time, what is the departure time, what is the duration of the flight, source, destination and more.

**Crime Prediction using Machine Learning** | *Python, Pandas, Numpy, Sklearn, Decision Tree, Svm* | [View Project](#)

## Research Paper

- A Review: Data Pre-Processing and Data Augmentation Techniques**, ICIEA - 2022
- Modelling Urban Behavior by Mining Geotagged Social Data**, IC-ICN - 2022.

## Technical Skills

**Languages** : Python, SQL, PHP, Java, C++, HTML5, CSS, Javascript

**Databases** : Mysql, MongoDB, Sqlite, PostgreSQL

**Tools**: VS Code, Eclipse, Jupyter Notebook, PyCharm, XAMPP

**Technologies/Frameworks**: Django, Bootstrap, Git, GitHub, AWS S3 & RDS

**Interests**: Web Development, Data Science, Machine Learning, Cloud Technology

## Leadership / Co-Curricular Activities

**President at TCET Coding Club and Codechef College Chapter** | **May 2021 - Present**

- Organized **20+** Coding Contests on **HackerEarth** for 3rd Year Students under training and placement cell having **400+** students participated. Created a Coding Culture in College by regularly sharing various resources of upcoming Contests and Events.
- Conducted various seminars/webinars for students on **Competitive Programming, Problem Solving, Data Structures** and Algorithms and Open Source Contribution

**Problem Setter at TCET Coding Club** | **August 2020 - July 2021**

## Achievements

- Rank 1447 in TCS Codevita Round-1 (College Rank-1) and 1554 in Round-2**
- Global Rank 776 in July Lunchtime 2021 Codechef**
- Global Rank 839 in March Cookoff 2021 Codechef**
- First Rank in Technical Quiz Competition conducted by TCET ACM**
- 97.32 percentile in CET Entrance Examination**
- Got Tution Fees Wavier Scheme Scholarship (TFWS) for Engineering (Merit Based)**
- Highest Average CGPA in TCET Information Technology Department (9.92)**

## Certifications

**Python and Django Framework** | **Introduction to SQL** | **Introduction to Data Science in Python**

## Extra-Curricular Activities/Hobbies

Technical Lead at TCET ACM | Teaching | Cricket | Chess | Stock Market Trading | Badminton