# Sohel Raja Molla

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## Education

- **Netaji Subhash Engineering College**          *Kolkata, West Bengal, India*
  Bachelor of Technology – Computer Science and Engineering; GPA: 8.13 / 10          *(July 2017 – July 2021)*
- **12th Class (2017) :** *Marks: 78.2% ; Board: WBCHSE ; School : Rahimpur Nabagram High School.*
- **10th Class (2015) :** *Marks: 77.0% ; Board: WBBSE ; School : Tiljala Brajanath Vidyapith.*

## Experiences

- **Technical Content Writer | *GeeksforGeeks***          *(Mar'20 – Ongoing)*
  Published articles on various technical topics related to data structure, algorithms, applications of different programming languages with code snippets etc. To check all the articles: http://tiny.cc/articles-gfg
- **GSSoC'20 Contributor | *GirlScript Foundation***          *(Mar'20 – May'20)*
  Contributed to a project of GirlScript Summer of Code 2020 (3 month long open source program conducted by GirlScript Foundation). To check my contributions: https://www.gssoc.tech/profile.html?id=sohelraja
- **Internshala Student Partner 16 | *Internshala***          *(Dec'19 – Feb'20)*
  Worked as a Campus Ambassador of Netaji Subhash Engineering College.

## Skills

- **Programming Languages :** Python, Java, C++.
- **Familiar with :** Reactjs, SQL, MySQL, Nodejs, Numpy(Basic), Pandas(Basic), Sklearn(Basic).
- **Tools and Utilities :** Git/Github, Git Bash, Jupyter Notebook, Spyder, Pycharm, DevC++, Visual Studio Code.
- **Core Technical Skills :** Data Structures, Analysis of Algorithms,  DBMS.
- **Soft Skills :** Technical Writing, Public Speaking.

## Projects

- **The Gallery** *(Web)***:** *A mern stack based fully functional with auth functionality and responsive for all devices built with Reactjs, Nodejs, Expressjs, MongoDB, MaterializeCSS, CSS etc. where user can follow another users, create public or private post, like and comment on public posts etc.*
  *Code Link:* https://github.com/SohelRaja/The-Gallery          *Live Demo Link:* https://thegallery10.herokuapp.com/
- **Customer Churn Analysis** *(Machine Learning)***:** *A hybrid model consisting of decision tree classifier, k-prototype clustering and association rule mining models using majority voting technique for both feature selection and classification. Code Link:* https://github.com/SohelRaja/Customer-Churn-Analysis

## Research

- **"A New Hybrid Feature Selection-Classification Method to Identify Churned Customers"** co-authored by *Chandra Das, Shilpi Bose, **Sohel Raja Molla**, Arghadip Chakraborty, Disha Sinha and Shankhadeep Giri* got accepted for oral presentation and publication in the **5th *International MCCS conference-2020***. The proposed model is superior (accuracy: 82.41%) to other existing models.

## Certificates

- Programming, Data Structures and Algorithms using Python – **NPTEL**.
- Machine Learning Fundamentals with Python Track – **DataCamp**.
- Introduction to Structured Query Language (SQL) – **Coursera**.
- Front-End Web Development with React – **Coursera**.

## Achievements and Responsibilities

- Ranked 81st in Girlscript Summer Of Code 2020, hosted by Girlscript Foundation among 2K+ participants.
- 3 star (1650+) rated at ***Codechef**. Profile Link :* https://www.codechef.com/users/srm_10
- Winner in RoboSoccer *(Manual Robotics Competition)* in ***AAHAVAHAN'18*** *(NSEC Intra College Techfest'18).*
- Coordinator and web developer in the open source community and LUG, **"GNX-NSEC"** of my college.
- Event head and problem setter for the annual tech fest/web development contest of my college.