Sohel Raja Molla

(+91) 987 555 9769 | sohelrajamolla@gmail.com | sohelraja.github.io | Kolkata, WB

Objective

To make an impact and contribute to society through a leading and great organization which will create an opportunity for me to establish my professional career as well as amplify my skills and knowledge for the sack of organization.

Education

- **Netaji Subhash Engineering College**
  B. Tech (2017-2021), CSE, GPA: 7.848/10
- **Rahimpur Nabagram High School**
  12th Class (2017), Marks: 78.2%, Board: WBCHSE.
- **Tiljala Brajanath Vidyapith**
  10th Class (2015), Marks: 77%, Board: WBBSE.

Volunteer Experiences

- **Coordinator and developer of GNX-NSEC (Linux User Group)**   - *(Aug'18 – Dec'19)*
- **Event Head (Weby Award) Annual Tech Fest NSEC (Avenir'20)**   - *(February'20)*
- **Organizing Member of Departmental Cultural Fest (Melange'19)** - *(September'19)*

Achievements

- **Google Foobar Challenge 2020**
One of the recipients Google Foobar Challenge 2020.
- **3 star (1650+) rated at Codechef**
- **Intel Edge AI scholer'19**
One of the recipients of Intel AI Scholarship'19 (Udacity).
- **RoboSoccer'18 Winner**
Winner in RoboSoccer (Manual Robotics Competition) in AAHAVAHAN'18 (NSEC techfest).

Certificates

- **Data Structures and Algorithms using Python (NPTEL)**
- **Machine Learning Fundamentals with Python Track (Data Camp)**
- **Introduction to Tensorflow for AI, ML and DL (Coursera)**
- **Front-End Web Development With ReactJS (Coursera)**
- **Check other certificates here:**
  https://tinyurl.com/srm-certificates
- **GCP badges:**
  https://tinyurl.com/srm-gcp

Links

- **Portfolio:** https://sohelraja.github.io/
- **Github:** https://github.com/SohelRaja
- **LinkedIn:** https://linkedin.com/in/sohel-raja
- **Codechef:** https://www.codechef.com/users/srm_10
- **Hackerrank:** https://www.hackerrank.com/srm_10

Experience

- **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
- **Technical Content Writer, Geeksforgeeks** *(Mar'20 – ongoing)*
Published articles on various technical topics.
To check all the articles: http://tiny.cc/articles-gfg
- **Internshala Student Partner 16, Internshala** *(Dec'19 – Feb'20)*
Worked as a Campus Ambassador of Internshala.
- **Open Source Contributor** *(Jan'19 –)*
Contributed to open source projects by fixing the issues and writing documentation etc.

Skills and Knowledge

- **Programming Languages:** Python, C, JAVA, C++.
- **Web Development:** HTML, CSS, MaterializeCSS, Bootstrap4, JavaScript, NodeJS (Basics), MySQL (Basics), MongoDB (basics).
- **Familiar With:** Numpy, Pandas, Sklearn, Matplotlib, OpenCV, Tensorflow, ReactJS, Redux, Firebase, PHP.
- **Tools and Utilities:** Git/Github, Git Bash, Jupyter Notebook, Spyder, Pycharm, DevC++, Visual Studio Code.
- **Core Technical Skills:** Data Structures, Algorithms, OOP, DBMS
- **Soft Skills:** Public Speaking, Technical Writing, Flexibleness

Research

- Research paper titled **"A New Hybrid Feature Selection–Classification Method to Identify Churned Customers"** authored by **Sohel Raja Molla, Arghadip Chakraborty, Disha Sinha, Shankhadeep Giri, Chandra Das** and **Shilpi Bose** got accepted for oral presentation and publication in *5th International MCCS conference (2020).*

Projects

- **Yelp Camp** **(Web Development)**
A fully responsive and functional (CRUD and auth) website using NodeJS, MongoDB, Bootstrap where users can create post, comment, log in, sign up etc.
Link: https://github.com/SohelRaja/yelpcamp
- **Command Line Notes** **(Web Development)**
It is a NodeJS application where user can create, read, remove of short to do notes through Command Line.
Link: https://github.com/SohelRaja/Command-Line-Notes
- **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.
Link : https://github.com/SohelRaja/Customer-Churn-Analysis
- **Real Time Face, Smile, Eyes Detection** **(Machine Learning)**
It can detect face, smile and eyes of a human at real time using OpenCV, python. Link: https://github.com/SohelRaja/Realtime-Face-Eye-Smile-Detector