

Sohel Raja Molla

Portfolio: sohelraja.github.io

Github: github.com/sohelraja

LinkedIn: linkedin.com/in/sohel-raja

Email: rohan.nsec@gmail.com

Mobile: (+91) 9875559769

Location: KOLKATA, W.B., INDIA

Education

- **Netaji Subhash Engineering College** | Kolkata, West Bengal, India | (July 2017 – July 2021) |
Bachelor of Technology – Computer Science and Engineering (CSE) – DGPA: 8.70 / 10.
 - **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.
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Experiences

- **Technical Content Writer** | *GeeksforGeeks* | (Mar'20 –) | [@Verify](#) |
Published articles on various technical topics related to data structure, algorithms, applications of different programming languages with code snippets etc.
 - **GSSoC'20 Contributor** | *GirlScript Foundation* | (Mar'20 – May'20) | [@Verify](#) |
Contributed to a project of GirlScript Summer of Code 2020 (3 months long open-source program conducted by GirlScript Foundation).
 - **Internshala Student Partner 16** | *Internshala* | (Dec'19 – Feb'20) | [@Verify](#) |
Worked as a Campus Ambassador of Netaji Subhash Engineering College.
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Projects

- **The Gallery (Web Development)**: 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 user, create public or private post, like and comment on public posts etc. | [@Code](#) | [@Live Demo](#) |
 - **Customer Churn Analysis (Machine Learning)**: A **hybrid model** consisting of **decision tree classifier** and **k-prototype clustering** using **majority voting technique** for both feature selection and classification. | [@Code](#) |
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Research

- **"A New Hybrid Feature Selection-Classification Method to Identify Churned Customers"** co-authored by **S. R. Molla, C. Das, S. Bose, A. Chakraborty, D. Sinha and S. 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.
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Skills

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

- Programming, Data Structures and Algorithms using Python – NPTEL. | [@Verify](#) |
 - Machine Learning Fundamentals with Python Track – DataCamp. | [@Verify](#) |
 - Introduction to Structured Query Language (SQL) – Coursera. | [@Verify](#) |
 - Front-End Web Development with React – Coursera. | [@Verify](#) |
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Achievements and Responsibilities

- 3 stars (1650+) rated at **Codechef**. | [@Verify](#) |
 - **Lead Web Developer** in the open-source community and LUG, **"GNX-NSEC"** of my college. | [@Verify](#) |
 - **Event head and problem setter** for the **Annual Tech Fest** of my college. | [@Verify](#) |
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