

# Rwitick Ghosh

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Github: [humble-barnacle001](https://github.com/humble-barnacle001)

## EDUCATION

### BE IN COMPUTER SCIENCE AND ENGINEERING

2019 - 2023 (EXPECTED) | JADAVPUR UNIVERSITY, KOLKATA  
CGPA (2 sems): 8.40

### ISC EXAMINATION (CLASS 12)

2019 | CITY MONTESSORI INTER COLLEGE, LUCKNOW  
(English, Mathematics, Physics, Chemistry, Computer Science, Physical Education)  
Percentage: 98.0%

### ICSE EXAMINATION (CLASS 10)

2017 | CITY MONTESSORI INTER COLLEGE, LUCKNOW  
(English, Hindi, HCG, Mathematics, Science, Computer Application)  
Percentage: 96.83%

## PROJECTS

### EXPENSE MONITOR

MARCH 2021 - ONGOING

[Website](#)

A NextJS app with firebase authentication and cloud firestore NoSQL database to maintain day-to-day expenses.

### SOCIAL CONNECTOR

FEBRUARY 2021 - ONGOING

[Website](#)

A ReactJS app which can be used as a social media - view profiles, post, create profile etc.  
Written on MERN stack and uses reCaptcha verification for sensitive operations.

### WEATHER WEBAPP

JULY 2020 - AUGUST 2020

[Website](#)

A basic HTML, CSS and Javascript app which provides the weather info for the next three days  
Uses AWS serverless lambda function to fetch the weather data using third party API

## OTHER WORKS

- An API endpoint for receiving messages (webhooks)
- An analog clock in dark mode which is PWA compatible.  
[View here](#)
- A webapp which calculates EMI
- A browser based task manager which persists data across sessions on the same device
- A demo portfolio website with animations
- A website which can be used just like a powerpoint presentation
- Various contributions to open source

## LANGUAGES

### MASTERY IN:

- C, C++
- Java
- Javascript
- Python

### FAMILIAR WITH:

- Bash
- HTML, CSS, Less, Sass
- LaTeX
- NodeJS
- ReactJS, NextJS, other Frontend JS frameworks

## SKILLS

- Advanced Web Development
- Firebase (including authentication, cloud firestore, etc)
- Full stack development on MERN stack
- Git, ZDT (Zero Down Time) deploys including CI/CD
- GNU/Linux environment
- NoSQL Databases

## ACHIEVEMENTS

- **SOURCECODE, KSHITIJ - IIT KGP**  
2021, Online Mode, India  
3rd rank
- **STUDENT OF THE YEAR**  
2019, City Montessori Inter College, Lucknow
- **NATIONAL SAFETY SCIENCE QUIZ BY UL (UNDERWRITERS' LABORATORY)**  
2018, Bengaluru, India  
3rd rank
- **ASISC ZONAL QUIZ**  
2018, Lucknow, India  
1st rank in zonal round

## EXTRA CURRICULAR

- Cybersecurity research
- Debating
- Football
- Linux ricing