

# REYA BANERJEE

## Contact Details

### Address

**Post** Hijli Cooperative Development Society Ltd.,  
Prembazar, Kharagpur  
Paschim Medinipur  
West Bengal, PIN 721306

**Mobile No** +91 78650 57940  
**e-mail** banerjeereya97@gmail.com



## SUMMARY

Self-motivated and hardworking fresher seeking for an opportunity to work in a challenging environment to prove my coding skills and utilize my knowledge of various databases in the growth of the organization.

## INTERNSHIP

- Project Name: **IndustryEdge: Monitoring the Toxic Gas**  
IIT Kharagpur  
Feb 2021 to July 2021 (Full Time)  
I developed a web application project using the Django framework, build some sensor nodes, used for recording toxic gas of the target area as well as for monitoring the ppm value of toxic gas in the industry.
- Project Name: **IndustryEdge: Monitoring the Temperature and Humidity**  
IIT Kharagpur  
July 2020 to Jan 2021 (Full Time)  
I developed a web application project using the Django framework, build some sensor nodes, used for recording the temperature and humidity of the target area as well as for monitoring the temperature and humidity of the power room in the industry.
- Project Name: **QoS - Aware Resource Management for Smart Cities**  
IIT Kharagpur  
Nov 2019 to Jun 2020 (Full Time)  
I develop a Fog Architecture equipped with multi processor node which operates parallelly for fast computing which will in turn reduce the runtime. The Fog Architecture act as an object detector and provides output data to the user.

## **SUBJECTS OF INTEREST**

- Data Structures & Programming

## **SKILL & TOOLS**

- **Programming Languages:** C, Python
- **Web Framework:** Django
- **Databases:** MySQL, MongoDB
- **AWS:** EC2
- **Tools:** Visual-Studio-Code
- **Operating Systems:** Ubuntu [Preferred], Windows 10

## **ACADEMIC QUALIFICATIONS**

| Degree / Certificate | Degree Obtained                            | Institute / School   | Board / University | Year of Passing | CGPA / Aggregate % |
|----------------------|--|--|--------------------|-----------------|--------------------|
| Graduation           | B.Tech<br>(Computer Science & Engineering) | College Of Engineering and Management, Kolaghat, West Bengal | WBUT               | 2019            | <b>7.91</b>        |
| 12 <sup>th</sup>     | HIGHER SECONDARY                           | Hijli High School (in IIT Kharagpur Campus)                  | WBCHSE             | 2015            | <b>74.4</b>        |
| 10 <sup>th</sup>     | MADHYAMIK                                  | Hijli High School (in IIT Kharagpur Campus)                  | WBBSE              | 2013            | <b>77.28</b>       |

## **MAJOR PROJECTS AND SEMINARS in B.Tech**

- **“Interface For Query Analysis of Access And Error Logs Stored In MongoDB”**  
During **5-22<sup>nd</sup> June 2018**, under the supervision of **Prof P Mitra**, of the Computer Science & Engineering Department, IIT Kharagpur.
- **“Automation of the Man in the Middle Attack on Visual Surveillance Camera”**  
During **28<sup>th</sup> July 2018 to 18<sup>th</sup> May 2019**, under the supervision of **Prof D Mukhopadhyay**, of the Computer Science & Engineering Department, IIT Kharagpur.

## **SOCIAL PROFILE**

<https://www.linkedin.com/in/reya-banerjee-4539121bb>

## **PERSONAL DETAILS**

|                |  |
|----------------|--|
| Date of Birth  | 3 <sup>rd</sup> Sept 1997.   |
| Family Members | Father            Ratan Kumar Banerjee<br>Mother           Mita Rani Banerjee<br>Sister            Rashmi Chakraborty Banerjee |
| Hobbies        | Music and Dance, (I have performed on stage during local functions)<br>Reading   |

  
(Reya Banerjee)