

# Aditi Saha

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## PROJECTS

### R3VIVE

- A waste management platform for sustainable living and community engagement.
- Tackles improper waste disposal, inefficient management, and lack of awareness.
- Van scheduling, smart QR bins, zero-waste product store, and community engagement for efficient collection and segregation.
- IoT sensors, real-time alerts, rewards, and community initiatives to improve waste practices.
- Tech Stack :MERN Stack, Google Maps API, NodeMCU, Ultrasonic Sensor, Weight Sensor.

### D-Crime

- Address rising urban crime rates, inefficient crime reporting, and the need for safer travel routes.
- A safety solution safest routes, real-time assistance, SOS alerts, and crime zone warnings
- We have enhanced public safety, improved crime reporting, and faster responses, and with the admin-centric features investigation will be smoother and easier.
- Tech Stack: React.js, Node.js, MongoDB, Express JS, Botpress, Google Maps API, Google Cloud

## EDUCATION

### B.Tech in Computer Science Engineering (IOT)

University of Engineering & Management, Kolkata  
CGPA - 8.66

08/2021 – present  
Kolkata, India

### Higher Secondary

DAV School  
90%

2019 – 2021  
Siliguri, India

### Secondary Education

St. Paul Hr. Sec School  
92.5%

2019  
Dimapur, India

## SKILLS

### Programming Skills

JAVA, JavaScript, SQL

### Web Technologies

ReactJS, TailwindCSS, ThreeJs, HTML, CSS, JS

### Miscellaneous

github, git, MySQL

### Soft Skills

Communication, adaptability, negotiation

## CERTIFICATES

- Google Data Analytics - Professional Certificate
- NPTEL -Enhancing Soft Skills and Personality
- IBM - Introduction to Cybersecurity Tools & Cyber attacks
- IBM Micro-Internship - Generative AI and Data Science
- NPTEL - Developing Soft Skills and Personality
- LinkedIn Learning - Full Stack Web development

## AWARDS AND ACHIEVEMENTS

### 1st position in Innofusion 1.0 - Hackathon

with project D-Crime among 1200+ participants

### 2nd Runners Up in HackNIT, Rourkela - Hackathon

with project R3VIVE among 270+ participants

### Top-10 position in Hack4Bengal 3.0

among 400+ participants

### Google Cloud Study Jam

Completed hands-on Google Cloud labs in Cloud Study Jam Arcade, from GDSC gaining skills in cloud infrastructure and also got various Google merchandise.

### HackerRank Accomplishments

Achieved multiple stars in SQL, Java, and DSA by solving numerous coding problems.

## CO-CURRICULAR ACTIVITIES

- Actively participated in hackathons such as Innofusion, Hack4Bengal, Smart India Hackathon, and HackNITR, significantly improving my coding skills.
- Demonstrated coding skills by actively solving problems in platforms like Leetcode, HackerRank, Naukri coding ninja
- Engaged in quiz events and served as a member of various college fest, including Jigisha - Quiz Fest, Model United Nations (MUN), and Eutopia Literature Fest, contributing in leadership roles.