

# DIPANJANA GHOSH

[dipanjana02@gmail.com](mailto:dipanjana02@gmail.com) | (+91) 8918543067 | [GitHub link](#) | [LinkedIn profile](#) | [Portfolio Website](#)

## SUMMARY

I have recently completed my BTech degree in Computer Science and Engineering. I possess a strong interest in Java and Full stack web development, accompanied by a deep passion for coding. I am eager to take on new challenges and apply my skills to solve real world problems. I remain committed to continuous learning and collaborative team work, aiming to contribute meaningfully by providing some sustainable innovative solution.

## EDUCATION

| Degree    | Institute                                | CGPA / Percentage | Year      |
|-----------|--|-------------------|-----------|
| B. Tech   | University of Engineering and Management | 8.1               | 2021-2025 |
| Class XII | St. Stephen's School (ICSE)              | 83%               | 2021      |
| Class X   | St. Stephen's School (ICSE)              | 64%               | 2019      |

## SKILLS SUMMARY

- Coding: Java, C, Python, SQL, HTML.
- Web frameworks: Node JS, Bootstrap-5, React JS.
- Tools: Git, GitHub, VS code, PyCharm, Eclipse
- Database: SQL, MongoDB.
- Soft Skills: Strong Communication, Leadership, Public Speaking, Time Management.
- **Full Stack Development:** HBS, EJS, HTML, CSS, Java script, Java, Node JS, MongoDB.

## PROJECTS

- **TUTORIFIC (Full stack project):**
  - Web based application that helps student and teacher to connect based on specific requirement, nearest distance (**Euclidean**), **time schedule management**, payment alert feature and **AI teaching support**.
  - Proper **CRUD** operation to manage 16 different table and proper security and authentication by OTP, socket connection for chat system.
  - Languages and Tools Used: HBS, Node JS, HTML, Java Script, SQL, **Socket connection**.
  - Source code: **GitHub**
- **CHAT APPLICATION:**
  - User can send message privately or in a group also can send protected message in groups.
  - Used Java, Swing for application design, Java Socket for networking and Message sending, JDBC with SQL in backend and Multithreading for multiple socket connection
  - Source code: **GitHub**.
- **Smart Contact Manager (Full Stack Project):**
  - Web based Application that helps user to manage Contact and other details efficiently with proper **CRUD** operation
  - Advance features to manage and search User, send mail with **proper security and Authentication** by Spring Security.
  - Languages and Tools Used: Java, Node JS, Spring Security, HTML, CSS, JWT, Java Script.
  - Source code: **GitHub**.

## EXPERIENCE and TRAINING

- **Full Stack Developer Intern | Euphoria GenX** April 2024 – August 2024  
In a team project built the backend and APIs for a delivery-based application and implemented security for proper authentication.  
Tech stack used: Node JS, MongoDB, React JS.  
Certification: **Link**.
- **Ethical Hacking and web security Training | IIT Kharagpur** January 2023  
Certification: **Link**

## CERTIFICATION AND COURES

- **AWS Cloud Practitioner Essentials (Coursera)** | Certification: **Link**
- **IBM Data Analyst** | Certification: **Link**

## HOBBIES

- Dancing