

## DIPANJANA GHOSH

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### 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 (ISC)	64%	2019

### SKILLS SUMMARY

- Coding: Java, C, SQL, HTML.
- Web frameworks: Node JS, Bootstrap-5, React JS.
- Tools: Git, GitHub, VS code, 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**.
- **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
- **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.

### 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.
- **Ethical Hacking and web security Training | IIT Kharagpur** January 2023  
Certification: [Link](#)

### CERTIFICATION AND COURES

- **AWS Cloud Practitioner Essentials** (Coursera) | Certification: [Link](#)
- **JAVA** : [Link](#)

### HOBBIES

- Dancing , Theatre : [Link](#)