



# DIPSANA ROY

## FRONT-END SYSTEM ENGINEER

[Portfolio](#) |  [LinkedIn](#) |  [GitHub](#)



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Kolkata, West Bengal, India

### About Me

**Front-End System Engineer** passionate about building efficient, scalable and privacy-focused software.

Experienced in **real-world projects** and actively contributing to **open-source development**.

Currently exploring **Oracle PL/SQL, Firebase**.

### LANGUAGE

English, Hindi, Bengali

### SKILLS

- **Programming Languages:** C (Expert), Java (Learning Actively), Python (Familiar).
- **Web Development:** HTML5, CSS3, React, JavaScript(ES6+), UI-UX Designer, Architect.
- **Databases:** Git Hub CDN, Currently Learning Oracle PL/SQL, Firebase.
- **Project Collaboration:** Shopping websites and chatbots with college mates for college events.
- **Concepts:** Data Structures & Algorithms (DSA).

### STRENGTHS

- Thorough learner
- Meticulous & Innovative
- Problem-Solving Skills
- Team Player
- Good Communication
- Adaptable & Self-motivated

### TOOLS / OS

- **Tools & IDEs:** GitHub, VS Code, IntelliJ IDEA
- **OS:** Windows 10/11, Linux (Ubuntu, Manjaro)

### CERTIFICATIONS & ACHIEVEMENTS

[OCI Foundations Associate — Oracle](#)

[Java for Beginners — Udemy](#)

### EDUCATION

B.Tech in Computer Science – Techno International  
Batanagar (2022 – 2026)

### PROJECTS

**SoundScript** HTML5, CSS3, JS(ES6+), GitHub CDN

[Live Demo](#) | [GitHub](#)

- A Client Side High-Performance **Web Music Player**.

**To-Do** HTML5, CSS3, JS(ES6+)

[Live Demo](#) | [GitHub](#)

- Feature-rich web app to **manage tasks**.

**Streaming Platform UI** HTML5, CSS3

[Live Demo](#) | [GitHub](#)

- A **Netflix landing page** with a responsive design.

**Historian Estimator** Console-based-C-program

[Live Demo](#) | [GitHub](#)

- Compare two **dates difference** in **dd-mm-yyyy**.

**Paper Cut** Console-based-C-game

[Live Demo](#) | [GitHub](#)

- A fun **Player vs. CPU rock, paper, scissors game**.

### OPEN-SOURCE CONTRIBUTIONS

- C Beginner-Friendly **Learning Repository**: [View](#)
- **View More**: [View](#)