

# RONI GANRAI

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Portfolio: [roniganrai.netlify.app](https://roniganrai.netlify.app)

Nandara, Birbhum, West Bengal-731213



## PROFILE SUMMARY

**B.Tech ECE** student at Heritage Institute of Technology with a strong foundation in **Java, DSA, and OOP**. Familiar with **React.js, Tailwind CSS, HTML, CSS, and JavaScript** through hands-on projects. Experienced in developing applications like **SmartQueue App** and **Real-Time Collaborative Code Editor**. Passionate about **problem-solving** and continuously improving technical skills.

## EDUCATION

### Heritage Institute of Technology

*B.Tech in Electronics and Communication Engineering - CGPA — 7.79/10*

2022 – 2026

Kolkata, West Bengal

### Suri Benimadhab Institution

*Higher Secondary- PCMB - Percentage - 85.6%*

2020 – 2022

Suri, West Bengal

### Parulia Sri Ramkrishna Vidyalaya

*Secondary - Percentage - 75.71%*

2020

Parulia, West Bengal

## TECHNICAL SKILLS

**Languages:** Java, C++, JavaScript, SQL

**Web Technologies:** HTML, CSS, React.js, Node.js, Express.js, Tailwind CSS

**Developer Tools:** Git, GitHub, MySQL, VS Code, IntelliJ IDEA, Postman

**Coursework:** Object-Oriented Programming, Data Structures and Algorithms, DBMS, OS

## PROJECTS

### SmartQueue App [↗](#) | React.js, WebSocket(Socket.IO), Tailwind CSS, REST API

Aug 2025

- Developed a responsive queue management application using React.js and Tailwind CSS.
- Implemented **WebSocket-based real-time synchronization** using **Socket.IO**, enabling automatic queue status updates without page refresh.
- Integrated REST APIs for booking and wait-time estimation to minimize on-site waiting.

### CollabCode [↗](#) | React.js, Node.js, Express.js, Socket.IO, MySQL, Tailwind CSS

Sept 2025

- Real-time collaborative code editor with live multi-user editing.
- Integrated chat system for instant communication between participants.
- Integrated MySQL to store room data and participant info, enabling session persistence and seamless collaboration.

## INTERNSHIP

### Zidio Development [↗](#)

June 2025 – July 2025

*Web Developer Intern*

- Worked in a team of 4 to develop an Excel Analytics Platform that enables users to upload and analyze Excel files.
- Contributed primarily to the React.js frontend, implementing interactive dashboards, data visualization components, and a responsive UI.
- Collaborated with backend developers to integrate REST APIs and ensure seamless data flow between frontend and backend.

## CERTIFICATIONS

- Java - Udemy [↗](#)
- Coding & Problem Solving - GeeksforGeeks [↗](#)

## ADDITIONAL INFORMATION

- Languages Known:** English, Hindi, Bengali