



# Ritam Chatterjee

IT Undergraduate

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## SKILLS SUMMARY

- **Languages:** Java, Javascript, Python, C++, SQL, Bash
- **Frameworks:** ReactJS, NodeJS, Express, TailwindCSS, Bootstrap, LangChain
- **Tools:** GIT, SQL, MySQL, MongoDB
- **Platforms:** Linux, Web, Mobile, Windows, AWS, GCP, IBM Cloud, Google Colab, Jupyter Notebook
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking

## WORK EXPERIENCE

### ➤ IBM SkillsBuild Internship

July 9<sup>th</sup> - Current

Position: Intern

- **Developed ML Models:** Created and deployed Machine Learning models using IBM Watson Studio.
- **Cloud Integration:** Utilised IBM Cloud Pak for data integration and management..
- **Workshops and Training:** Participated in workshops on supervised and unsupervised learning techniques.
- **Mentorship and Guidance:** Received and applied feedback from industry experts to refine skills.
- **Community Engagement:** Actively engaged with the IBM SkillsBuild community for knowledge sharing and networking.

## EDUCATION

### Netaji Subhash Engineering College

Kolkata, India

*Bachelor of Technology - Information Technology; GPA: 8.85 CGPA (Till 5th sem)*

Jun 2021 - Jun 2025

Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases

### Lions Calcutta (Greater) Vidya Mandir

Kolkata, India

*Higher Secondary (Class XII), PCM ; 88.8%*

2020

### Lions Calcutta (Greater) Vidya Mandir

Kolkata, India

*Secondary (Class X), 91.6%*

2018

## PROJECTS

### ➤ **PORTFOLIO WEBSITE** (React Js) | GitHub Code: [Link](#) | Live : [Link](#)

- Front End Portfolio web application to showcasing the user's skills, projects, and experiences. The website includes an integrated chatbot powered by the ChatGPT API to enhance user interaction and provide instant assistance.
- Developed various pages like Home, About me, My Services, Projects, Contact with functional contact page and integrated with a fine tuned chatbot using chatGPT API
- Tech stack — **HTML | CSS | ReactJs | Javascript | Netlify**

### ➤ **Train X – RAILWAY RESERVATION SYSTEM** | GitHub Code: [Link](#) | Live : [Link](#)

- Train X is a streamlined railway reservation system that allows users to easily book train tickets.
- The system features journey details input, real-time train information, passenger detail management, fare calculation, secure payment gateway integration, and ticket generation.

Key Features:

- *Journey Input:* Enter source, destination, and travel date.
- *Real-Time Info:* Fetch train details using Rapid API.
- *Passenger Details:* Add multiple passenger details.
- *Fare Calculation:* Display total fare with a clear breakdown.
- *Payment Gateway:* Secure transaction processing.
- *Ticket Generation:* Generate detailed tickets after payment

Tech stack — **ReactJs | Redux | Rapid API | Tailwind CSS | JavaScript | Vercel**

## ACCOMPLISHMENTS

- **Google Cloud Certification:** Earned a [certificate](#) of completion for an 8-week Google Cloud Practitioners program in 2022, demonstrating expertise in cloud technologies.
- Me and my team Qualified for [Hack4Bengal 3.0](#) (400 teams were selected out of 1000 teams)
- Qualified for Level 1 of [Smart India Hackathon](#) 2023
- Solved more than 400+ questions on different coding platforms .