

# Manisha Bose

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## TECHNICAL SKILLS

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**Programming Languages:** C++ (Expert), JavaScript (Expert), Python (Intermediate), Java (Prior Experience), C (Prior Experience)

**Front End Technologies:** React, HTML 5, CSS, Bootstrap, Embedded JavaScript (EJS), jQuery

**Backend End Technologies:** Node.js, Express.js, Axios, REST APIs

**Information Retrieval and Database Management:** MySQL, PostgreSQL, Pandas

**Libraries and Tools:** Git, GitHub, Postman, Microsoft Visual Studio Code, Numpy, Docker

**System Environments:** Ubuntu (Linux-based), Unix, macOS, Windows 11

**Relevant Coursework:** Machine Learning, Data Structures and Algorithms, Object Oriented Programming using C++ . Computer Networking[TCP/IP], Fundamentals of RDBMS

## ADDITIONAL SKILLS

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**Problem Solving:** Advanced problem-solving skills with demonstrated versatility through coursework, coding challenges on platforms like LeetCode, CodingNinja, and HackerRank, as well as practical application in software development projects.

**Debating:** Strong communication and critical thinking skills, coupled with leadership in managing diverse viewpoints, demonstrated through participation and leadership in debates and public speaking engagements.

## PROJECTS

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### Travel Tracker

[GitHub](#)

- Developed a full-stack web application for tracking visited countries, integrating PostgreSQL for efficient data management and Node.js/Express.js for backend operations. Hosted on cloud platform Neon for scalability.
- Implemented scalable data retrieval and user interaction features, enhancing overall user experience and performance.
- Technologies:** Embedded JavaScript (EJS), CSS, JavaScript, Node.js, Express.js, PostgreSQL

### Quiz App

[GitHub](#)

- Created an interactive quiz application focused on testing and improving users' knowledge of global capital cities.
- Built backend functionality which checks the user's input against the correct answer stored using PostgreSQL, which is queried through the Node.js backend, and the score is increased accordingly.
- Technologies:** Embedded JavaScript (EJS), CSS, JavaScript, Node.js, Express.js, PostgreSQL

### Simon Game

[Try it!](#)

- Developed a memory-testing game, focusing on user experience and interactive gameplay.
- Engineered scalable game logic and integrated UI design principles to ensure smooth gameplay across different devices.
- Technologies:** HTML5, CSS, JavaScript, jQuery, Git, CloudFlare, [GitHub](#)

## EXPERIENCE

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### Salesforce Virtual Developer Intern

May 2024 - June 2024

- Completed Salesforce virtual internship to gain practical experience with the Salesforce Platform, focusing on Lightning Web Components and End User Enablement.
- Applied JavaScript and Object-Oriented Programming skills in Apex, alongside SOQL/SOSL and Web Services, to support End User Enablement initiatives.
- [Salesforce Developer Profile](#)

## EDUCATION

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### Heritage Institute Of Technology, Kolkata

May 2025 (Expected)

*Bachelor of Technology in Electronics and Communication Engineering*

CGPA: 8.81/10

### TATA DAV School, Sijua, Dhanbad, Jharkhand

May 2019

*All India Senior School Certificate Examination*

Percentage: 80.6%

### De Nobili School, Sijua, Dhanbad, Jharkhand

May 2017

*Council for the Indian School Certificate Examinations*

Percentage: 92.4%

## HONORS AND AWARDS

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- Winner** of the Inter-collegiate Asian Parliamentary Debate Competition, PARICHARCHA '23
- Recipient of Principal's Award:** Recognized for high achievement in studies and notable service to others in following an exemplary code of conduct