# ISHA SINGH

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○ Github

in LinkedIn

## EDUCATION

- **Jaypee Institute of Information Technology, Noida** *09/2022 - Present*
  *Bachelor of Technology - Computer Science and Engineering* CGPA: 8.7

- **St. Mary's Convent Sr. Sec. School, Dhampur** *04/2020 - 07/2022*
  *Central Board of Secondary Education - Non Medical* Percentage: 97.6%

## EXPERIENCE

- **Centre of Excellence on AI for Education** *06/2024 - Present*
  *Summer Research Intern*
  – Collaborating with a team to design and implement deep learning algorithms (CNN) for a machine learning model that enhances medical imaging, providing advanced diagnostic tools.
  – Conducting research to improve medical imaging for diagnostic accuracy.

## PERSONAL PROJECTS

- **Literary-Escape** ○ **| ReactJS, ExpressJS, MongoDB** *06/2024*
  *Developed a dynamic book store platform to attract and engage book readers using the MERN stack.*
  – Spearheaded the creation of a user-friendly frontend using ReactJS, employing **UseState**, **UseEffect**, and **useContext** for dynamic and efficient user interactions.
  – Centralized book information storage with MongoDB, ensuring effective data management and retrieval.
  – Implemented robust login/signup authentication with ExpressJS, enhancing user security and personalized experiences.

- **GIFFY** ○ **| HTML, Tailwind CSS, ReactJS** *12/2023*
  *Developed GIFFY, a ReactJS web application for discovering GIFs on various topics*
  – Integrated **API** to dynamically fetch and display GIFs based on user input.
  – Enhanced user engagement through intuitive **UI design** and responsive web development practices.
  – Implemented features like **search functionality** and category filters to amplify user satisfaction.

- **Jaypee Maps** ○ **| C++, STL, Data Structures** *08/2023*
  *Developed a campus mapping application using Graph data structure and Dijkstra's Algorithm.*
  – Optimized navigation time by enhancing **algorithmic** implementations.
  – Implemented adjacency lists, matrices, priority queues, AVL Tree, and Linked List for efficient pathfinding.
  – Enhanced user experience by providing shortest path routes between various campus locations, improving accessibility, convenience, and navigation efficiency for users.

## SKILLS

**Programming Languages:** C++ , Javascript
**Web Technologies:** HTML, CSS, TailwindCSS, ReactJS
**Databases:** MySQL, MongoDb
**Tools:** Version Control (Git/GitHub)
**Concepts:** Object-Oriented Programming (OOPs),Database Management System (DBMS)
**Soft Skills:** Presentatin Skills, Collaborative Approach, Team Management

## ACHIEVEMENTS AND CERTIFICATIONS

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|---|---|
| **Web Development Bootcamp Organized by IEEE JIITSB** | Web Development Bootcamp Certificate |
| **Goldman Sachs Engineering Job Simulation** | Goldman Sachs Engineering Job Simulation |
| **CodeHelp Web Development Course** | CodeHelp Web Development Course Certificate |
| **400+ problems solved on Leetcode** | Leetcode |
| **GeeksForGeeks** | Geeks For Geeks |

## EXTRA CURRICULUM

**Mentee Codess Cafe** 06/2023
Collaborative learning and resource sharing platform with a community of women in computer science.