

SOUMIK MUKHERJEE

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Professional Summary

Results-driven Computer Science and Engineering graduate with a strong foundation in programming languages and web development, combined with a passion for leveraging technology to create sustainable solutions. Seeking an entry-level development role at an innovative organization where I can apply my problem-solving abilities and commitment to continuous learning to deliver user-centric, impactful solutions in a collaborative team environment.

Technical Skills

JAVA: String, Arrays, Collections framework, Exception handling, Multithreading, Jdbc, Jsp, Spring boot.

OOPS: Object, Class, Overloading and Overriding, Inheritance, Polymorphism, Abstraction, Encapsulation, Interfaces.

DSA: ArrayList, LinkedList, Stack, Queues, HashSet, Sorting (Bubble sort, Selection sort, Insertion sort, Quick Sort) & Searching (linear search & binary search).

DataBases: RDBMS, Grouping, Sub Queries, Functions, SQL Joins, DDL, DML, DQL, DCL, TCL.

Web Development: HTML, CSS, Bootstrap, Js.

Other Skills: UI/UX Design, Figma, Canva, Photoshop, Lightroom.

Development Tools: VS Code, SQL++, Eclipse, Figma, IntelliJ.

Education

Bachelor Of Technology – CSE

Dream Institute of Technology

August 2024

Kolkata, India

Higher Secondary

Krishna Kumar Hindu Academy

April 2020

Kolkata, India

Secondary

Krishna Kumar Hindu Academy

March 2018

Kolkata, India

Projects Work

Training & Skill Management System :

July 2023 – December 2023

HTML, CSS, JAVA, TOMCAT, SERVLETS, JSP, PostgreSQL

Kolkata, India

- Developed a web-based Training & Skill Management System using Java Servlets and PostgreSQL, enabling seamless CRUD operations.
- Designed a user-friendly interface with JSP, HTML, CSS, and JavaScript, allowing efficient employee record management.

Ensured data integrity and security by optimizing database interactions and implementing robust backend logic.

Game Based Learning Web Application :

February 2024 – July 2024

HTML, CSS, JAVASCRIPT, JAVA, JSP, PostgreSQL

Kolkata, India

- Developed an interactive web application for learning Data Structures and Algorithms (DSA) using HTML, CSS, JavaScript, and Java.
- Integrated gamified elements and quizzes to enhance user engagement and improve learning outcomes.
- Designed a responsive UI with progress tracking features, ensuring a seamless learning experience across devices.

Extra-curricular Activities

- Volunteered in NSS activities
- Volunteered in college events such as sports day and fests.
- Volunteered in college events such as sports day and fests.
- Engaged in various college departmental activities.

Awards & Achievements

- Internship on Internet of Things, Innovate Intern.
- Attending the largest global hackathon **NASA's International Space Apps Challenge**.
- 2nd place in the Applied Arts 2023 Student Award for outstanding graphic design work.