



[Shourya Singh Sengar](#)

Bachelor of Technology (B.Tech)
Information Technology
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[GitHub Profile](#)

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EDUCATION

- **Ajay Kumar Garg Engineering College (AKGEC), Ghaziabad**

Bachelor of Technology (B.Tech) in Information Technology

2020-24

CGPA: 7.4

- **Sant Haridass Public School ,New Delhi**

Central Board of Secondary Education, New Delhi

2020

Percentage: 80%

PERSONAL PROJECTS

- [BooKart-LMS](#)

HTML5, CSS3, Bootstrap, PHP, SQL

- Developed a **full-stack Library Management System** with features for book, student, and subscription management, including plan creation and purchase history tracking.
- Implemented **CRUD** operations in PHP for efficient Books and Students Management, ensuring a user-friendly interface.
- Enhanced loan management with **effective tracking of book loans and returns**, thus streamlining library workflow.

- [ShoeKart](#)

HTML5, CSS3, JavaScript, React.Js

- React-based **e-commerce platform**, with **advanced product search**, filtering, and a shopping cart.
- Implemented **3 robust filters**, enabling users to refine product searches by **category, price range, and color selection** for a tailored shopping experience on ShoeKart.

- [Certificate Generator](#)

HTML5, CSS3, JavaScript

- A React-based website for **creating and downloading e-certificates** in PDF format.
- Offers 3 to 4 templates for certificate customization.
- Enhanced user onboarding efficiency by 30% through streamlined **authentication & data storage using Firebase**.

- [React Todo App with Local Storage](#)

HTML5, CSS3, JavaScript, React.Js

- Used for creating and managing todo lists.
- Implemented **CRUD** (Create, Read, Update, Delete) operations for seamless task management
- Utilized **local storage** for persistent data storage, resulting in a 38% reduction in load times and improved UX

- [Shared Expense Manager](#)

C++, Sublime IDE

- **Terminal application** designed to simplify the distribution of shared expenses within a group.
- Allows users to input expenses, specify contributors, and *accurately calculating each member's contributions*, resulting in a 95% reduction in manual effort and a 79% increase in expense accuracy.

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, C++, C, SQL, PHP

Developer Tools: Visual Studio Code, Git, GitHub, Figma

Frameworks: React.js

Cloud/Databases: MySQL, Google Firebase

Areas of Interest: Front-End Development, Designing

CODING PROFILE

- [Codeforces](#)- PUPIL MAX-Rating-1277 and have solved over 200+ problems

- [CodeChef](#)- 3 Star MAX-Rating-1640 and have solved over 100+ problems

- [LeetCode](#)- MAX rating of 1667 and have solved over 150+ problems

ACHIEVEMENTS

- Ranked among the **top 35** out of 132 teams in Internal [Smart India Hackathon 2023](#) held at our college.

- Selected as Open Source Contributor at [Social Summer of Code \(SSOC'23\)](#)

- Secured [Certificate of Excellence](#) in Open Coding Round Code Gladiators 2023 Hackathon by TECHGIG

CERTIFICATIONS

- [Coding Ninjas](#)- Data Structures and Algorithms in C++.

- [Coursera](#)- Introduction to Back-End Development from Meta