



## [Shourya Singh Sengar](#)

Bachelor of Technology (B.Tech)

Information Technology

Ajay Kumar Garg Engineering College (AKGEC)

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🐙 [GitHub Profile](#)

🌐 [LinkedIn Profile](#)

## EDUCATION

- **Ajay Kumar Garg Engineering College (AKGEC), Ghaziabad** 2020-24  
Bachelor of Technology (B.Tech) in Information Technology CGPA: 7.4
- **Sant Haridass Public School, New Delhi** 2020  
Central Board of Secondary Education, New Delhi Percentage: 80%

## PERSONAL PROJECTS

- **[BookKart-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