

Sagar Singh

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[LinkedIn](#) | [GitHub](#)

EDUCATION

SRINATH UNIVERSITY

Bachelor in Computer
Application
2022-2025
CGPA: 8.5

TECHNICAL SKILLS

- Programming Language: **JAVA**
- Developer's Tools: - **Git, GitHub**
- Web Technologies: - **React, Node.js, Express.js, HTML, CSS, Bootstrap**
- Database: - **MongoDB, SQL**

COURSEWORK

- **CS Fundamentals**
- **Data Structure and Algorithms**
- **Competitive Programming**
- **Web Development**
- **Microsoft Azure Basics**
- **Design and Analysis of Algorithm**
- **DBMS**
- **Operating System**
- **Object Oriented Programming**
- **Introduction to Programming**

SKILLS

- **Problem Solving**
- **GOOD Communication Skills**
- **Leadership**
- **Team Work**

EXPERIENCE

SEMS Welfare Foundation | WEB DEVELOPER (INTERN)

June 2024 – August 2024

PROJECT

BUSINESS TOP

[DEPLOYMENT LINK](#) | [GITHUB LINK](#)

A Tool to Gain Popularity about Business.

Tools & Technologies used: **React-Router, FORMIK, yup, Redux-TOOLKIT, Redux with Persistent, MongoDB, Node.js, Express.js, JWT, BCRYPT.**

- Implemented **Authentication** using BCRYPT hashing methods while **Authorization** is implemented by a JWT token for secure transmission of data between **React as frontend and express.js server**.
- For Backend: **NODE.JS, EXPRESS.JS, MONGOOSE, JWT, Multer.**
- For Frontend: **React, React Router, FORMIK, yup, Redux-Toolkit, Redux with Persistent.**

INFINITY

[DEPLOYMENT LINK](#) | [GITHUB LINK](#)

A Platform for Messaging your Friends.

Tools & Technologies used: **React, React-Router, API, Node.js, Express.js, Mongoose.**

- User can Chat with their friends and can have a conversation on real time.

BOOKIPEDIA

[DEPLOYMENT LINK](#) | [GITHUB LINK](#)

A full-stack online bookstore web application built using the MERN stack (MongoDB, Express.js, React.js, and Node.js).

- **Frontend:** Implemented a responsive and user-friendly interface using React.js to allow users to browse books by category, search titles, and view detailed descriptions.
- **Backend:** Developed a RESTful API with Node.js and Express.js to manage user accounts, authentication, and book inventory.
- **Database:** Utilized MongoDB to store and retrieve book data, user information, and order history efficiently.
- Integrated user authentication and authorization using JWT for secure access to the platform.
- Implemented CRUD operations for books and users, ensuring smooth interaction between the front and back ends.

CERTIFICATE

MICROSOFT AZURE BASICS – INFOSYS SPRINGBOARD

JAVA DATA STRUCTURE AND ALGORITHMS -INFOSYS SPRINGBOARD

OOPS IN JAVA – GEEKSTER

GIT AND GITHUB COURSE - GEEKSTER

ACHIEVEMENTS

[1] Committed 8 Projects on **GITHUB.**

[2] Solved **150+ LEETCODE Questions**