# SHRAMANA SARKAR

## Contact Details

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in https://www.linkedin.com/in/shramana-sarkar-5148a5191/

## Education

- Bachelor of Computer Application from Pailan College of Management and Technology (2022)
- AISSCE, CBSE (12th) from DAV Bishnupur (2019)
- AISSE, CBSE (10th) from KV Joka (2016)

## Knowledge Purview

- Software Development Life Cycle
- UI/UX Design
- API Development
- Database Management Systems

## Soft Skills

- Communication Skills
- Team work
- Problem Solving Skills
- Time Management

## Technical Skills

- Java, Spring Boot
- ReactJS
- HTML, CSS, JavaScript
- SQL, Database
- Data Structure and Algorithms

## Job Objective

A determined professional aspiring to seek a role of Full-Stack Developer, leveraging educational foundation in Computer Applications, with a focus on Java, Spring Boot, ReactJS and various web technologies to create innovative solutions.

## Profile Summary

- A budding professional with knowledge in **Software Development** by engaging in projects that emphasize full-stack development in the IT and Services sector.
- Contributed to the creation of **Cutting-Edge Software Solutions** by employing **Java Spring Boot and ReactJS**, resulted in applications that improved operational efficiency.
- Knowledge in **Front-end and Back-end Development**, acquired essential technologies and frameworks that supported the development of scalable and efficient web applications.
- Familiar with **Database Management Systems**, guaranteeing data integrity and security while enhancing application performance through proficient data strategies.

## Projects

### Hotel Management System using Java Spring Boot and ReactJS

- Designed the database schema, developed RESTful APIs, and utilized Postman to verify the APIs.
- Built a ReactJS-based user-friendly interface that improved user navigation and reduced booking time and enhanced overall customer experience.
- Spearheaded the development of a comprehensive Hotel Management System, focused on user experience and various functionalities.

### ToDo App using ReactJS

- Developed a fully functional **ToDo App** using React.js.
- Allowing users to add, complete, and remove tasks dynamically.
- Implemented state management with React Hooks (**useState, useEffect**) to handle user interactions efficiently.

### Photo Gallery System using HTML and CSS

- Front-end developer for UI/UX design, layout structuring, and implementing interactive features.
- Developed a responsive design that ensured optimal viewing experiences across various devices, increasing accessibility for users.
- Integrated advanced image optimization techniques, resulted in faster load times and improved performance metrics.

### Library Management System using Java Spring Boot

- Created a Library Management System to streamline book inventory management, track borrowing and returns, and manage user memberships.
- Technologies Used: Java, Spring Boot, SQL
- Book search functionality, issue/return tracking, user roles (admin and member), and overdue fine calculations.

## Personal Details

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|---|---|
| **Address** | : 202, 2nd Cross, Ramaiah Reddy Colony, Bangalore 560037 |
| **Birthdate** | : 3$^{rd}$ October 2000 |
| **Languages** | : English, Hindi, Bengali |

## Certifications

- **Java Full Stack Certified Professional** from JSpiders, (2025)
- **ReactJS** from JSpiders, (2025)
- **Data Structures** from JSpiders, (2025)