

# BAIVAB SARKAR

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## SUMMARY

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Aspiring Software Development Engineer with 2 years of Java experience and strong JavaScript proficiency. Skilled in frontend development, combining technical expertise with a background in media and communication to enhance software projects with a diverse skill set.

## PROJECT

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### ACADEMIC MANAGER

January-Present

#### Front-End Developer

2024

- Developed an Academic Manager for educational institutions with multi-level user access, real-time attendance tracking, and comprehensive reporting, reducing administrative workload by 60%.
- Utilized HTML, CSS, JavaScript for frontend, Spring framework with RESTful APIs, Redis for backend, and PostgreSQL with JPA for database operations.
- Designed to streamline attendance recording and management for administrators, teachers, and students, enhancing operational efficiency and data accuracy by 946.

### SKETCHFLOW - LIVE

June 2024

- Developed SketchFlow, a web app enabling users to draw shapes with tools like Brush, Rectangle, Circle, Line, and Erase, enhancing creative productivity and engagement.
- Implemented adjustable brush sizes, color picker, save/clear functionality, and undo/redo actions.
- Utilized HTML5, CSS3 (Bootstrap), JavaScript (Canvas API), and jQuery.

### MARKDOWN VIEWER - LIVE

DECEMBER 2023

- Developed a Markdown Viewer web app with sync scroll, format selection (HTML, PDF, Markdown), and export/import capabilities, reducing content formatting time by 40%.
- Used Markdown-it for parsing and jQuery for DOM manipulation, ensuring efficient functionality.
- Implemented features for importing HTML or Markdown content, enhancing usability.

## SKILLS

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- Technical Skills: C, Java, JavaScript and Libraries, MySQL, DSA, API Handling, SDLC, Software Reliability.
- Tools: Git, GitHub, MS PowerPoint, Postman, Figma.
- Interpersonal Skills: Collaborating, Teamwork, Leadership, Time management, Adaptability.

## EDUCATION

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### JIS COLLEGE OF ENGINEERING

Kalyani, WB

Bachelor of Technology, Major in Computer Science.

Oct 2021 – Expected Aug 2025

## PROFESSIONAL CIRTIFICATE

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- **STARTED WITH GIT AND GITHUB – VIEW**

May 2024

MICROSOFT LEARN STUDENT AMBASSADORS

- **HTML, CSS, AND JAVASCRIPT FOR WEB DEVELOPERS – VIEW**

November 2022

COURSERA - JOHNS HOPKINS UNIVERSITY