

# JIT BANERJEE

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## OBJECTIVE

Aspiring software developer with expertise in MERN stack, problem-solving, and a passion for creating efficient and user-friendly applications. Proficient in solving 300+ problems on Leetcode Profile and developing full-stack web application .

## SKILLS

- Programming Languages : **C , C++ , Java , Python , JavaScript , TypeScript**
- Database : **MySQL , MongoDB**
- Frontend : **HTML , CSS , JavaScript, React.js , React Native , Bootstrap**
- Backend : **Node.js , Express.js**
- Problem Solving : Solved 300+ Coding Problems in **Leetcode** ( [leetcode Profile](#) )

## EDUCATION

- **MCA** (Master of Computer Application) from **Jadavpur University** ( 2023-2025 ) ( Ongoing ) .  
Relevant coursework : **C/C++ , Java (Core), Python, Software Engineering**
- **BSC** ( Computer Science Hons) from **Bangabasi College** ( Affiliated to University of Calcutta ) [ 8.199 CGPA ]  
Relevant coursework : **Data Structure and Algorithms, Computer Networks, DBMS, Operating Systems**

## CERTIFICATIONS

- Problem Solving ( Basic ) Offered by **Hacker Rank**
- Problem Solving ( Intermediate ) Offered by **Hacker Rank**
- The Complete Web Development Bootcamp Offered by **Udemy**

## PROJECTS

- Book Store App with Inventory Management & Authentication System : [github](#)  
Toolkit : **MongoDB, Express.js, React.js, Node.js**

- Authentication system ( **JWT Authentication** )
- Admin panel for uploading, editing, and deleting books
- Inventory management system
- User-friendly interface for browsing and purchasing books
- Password hashing technique using ( **Bcrypt** )

- **Blogify** : Developed a full-stack blog application using the MERN stack . [github](#) [Live](#)

Toolkit : **MongoDB, Express.js, React.js, Node.js**

- User Authentication: Implemented JWT-based authentication for secure login and session management.
- State Management: Leveraged React hooks like **useContext**, **useEffect**, and **useRef** for dynamic state management.
- Content Interaction: Enabled upvote and downvote functionality for user engagement with blog posts.
- Admin Controls: Allowed admins to create and manage blog categories.
- User Content Creation: Integrated a blog creation form with **React Quill**, providing rich-text editing for blog content and user-friendly input for title and category selection.

## ACHIEVEMENTS

- **Secured 3<sup>rd</sup> Rank in JECA 2023**, a competitive state-level entrance examination for MCA programs .