

# AASTHA BAJPAI

Uttar Pradesh, INDIA

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 [Aastha Bajpai](#)

 [HackerRank](#)

## Software Developer Intern

### SUMMARY

MCA student with hands-on experience in building full-stack web applications using the MERN stack. Strong foundation in Data Structures & Algorithms with 100+ problems solved on LeetCode and GeeksforGeeks. Passionate about writing clean, scalable code and learning in fast-paced startup environments.

### EDUCATION

- **Master of Computer Applications (MCA)** | CGPA: 7.56 2024 - Present  
**National Institute of Technology (NIT) Jamshedpur, Jamshedpur, Jharkhand**
- **Bachelor of Computer Applications (BCA)** | CGPA: 7.56 2019 – 2022  
Chhatrapati Shahu Ji Maharaj University (CSJMU), Kanpur, U.P.

### PROJECTS

#### [Student Expense Tracker](#) | React, Node.js, Express, MongoDB (MERN)

- Developed a full-stack web application using the MERN stack
- Implemented RESTful APIs with Node.js and Express
- Built secure CRUD operations for expense management
- Integrated MongoDB Atlas for cloud-based data storage
- Designed interactive dashboards with charts and filters
- Performed debugging, testing, and performance optimization

#### [Portfolio Website](#) | HTML, CSS, JavaScript, GitHub Pages

- Designed and developed a responsive personal portfolio website using HTML, CSS, and JavaScript
- Showcased projects, skills, and resume with clean UI and smooth navigation
- Deployed using GitHub Pages

### TECHNICAL SKILLS

- Programming Languages: **C++, Java**
- Web Technologies: **HTML, CSS, JavaScript, React, Node.js, Express**
- Database Management: **MySQL (queries, schema design), MongoDB**
- Core CS Concepts: Data Structures & Algorithms, Object-Oriented Programming, OS, DBMS, C++ STL
- Developer Tools: **VS Code, Git, GitHub**
- Software Development Practices: File handling, input validation, version control, debugging

### ACHIEVEMENTS & CERTIFICATIONS

- Hackerrank: Awarded a 5-star rating in C++, reflecting a strong command over algorithms and coding efficiency.
- Solved 100+ problems on LeetCode and GeeksforGeeks, strengthening skills in data structures and algorithms.

### SOFT SKILLS

- Ownership mindset, problem-solving, collaboration, adaptability
- Analytical thinking, debugging mindset, collaboration, fast learner

### CO-CURRICULAR ACTIVITIES

- **Technical Coordinator** | Society of Computer Science & Engineering, NIT Jamshedpur | Feb 2025 – Present  
Collaborated with peers to organize technical activities and coding discussions
- **Creative Content Coordinator** | E-Cell, NIT Jamshedpur | Feb 2025 – Present  
Worked in a team-driven environment, contributing to planning and execution