

# BHAWYA

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## Professional Summary

Motivated Computer Science undergraduate with strong fundamentals in Data Structures, Algorithms, and problem-solving using C++. Familiar with full-stack development using the MERN stack and passionate about cybersecurity, with a solid understanding of common attacks, tools, and ethical hacking techniques. Continuously learning by building practical projects and exploring real-world tech challenges. Eager to contribute to impactful software development or security teams through hands-on coding and a growth mindset.

## Education

### Jaypee Institute Of Information Technology, Noida, India

- B.TECH in Computer Science and Engineering | **CGPA: 8.9/10** (SGPAs: 8.5, 8.8, 9.2, 9.1) **2023-2027**

### St. Kabir Convent Sr. Sec. School Bhatinda

- Class XII | Percentage: 87/100 **2022-2023**

### St. Xavier's School Bathinda

- Class X | Percentage: 89/100 **2020-2021**

## Skills

### • Technical Skills -

C++ | Data Structures and Algorithm | CSS | JavaScript | React | NodeJS | Php | MySQL | MongoDB | Familiar with Burp Suite, Intruder, Nmap, basic vulnerability analysis | System Hacking

### • Soft Skills -

Communication | Adaptability | Time Management | Presentation Skills | Management and Leadership

## Projects

### Harry Potter Metaverse

Built a fantasy simulation using core DSA concepts.

- Graph-based map of Hogwarts – DFS and Dijkstra's Algorithm | Event scheduler – min-heap | Library catalog | Hashing for secure password storage | Mailbox system – stacks | File handling | Admin interface | Shopping – cart queues

### PlanIT

- A social media web app where users earn points for uploading images of verified social work.

Built using MERN stack in collaboration with my friend with features like user authentication, dynamic routing, and interactive UI components. Integrated MapsPage for location-based activity tracking.

### Portfolio Website

- Built a personal portfolio using React.js to showcase skills, projects, and resume. [portfolio-hymg.vercel.app](https://portfolio-hymg.vercel.app)

## Academic and Extracurricular Achievements

- Participated in a Model United Nations (MUN), enhancing public speaking and critical thinking skills
- Self-learning guitar, developing consistency and creative expression
- Exploring cybersecurity through TryHackMe beginner rooms and CTFs

## Leadership & Volunteering

### DebSoc (Debating Society) | Core Member

- Led the organization of MUN at Joust'24, managing logistics and participant engagement.