

# Aryan Singh Thakur

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BCA student at GGSIPU passionate about Full Stack Web Development. Finalist in SIH (JourneyPlanner) and Smart Delhi Ideathon (Smart Bin). Built *MindMitra*, an AI mental health chatbot. Skilled in React, Node, MongoDB. Focused on building real-world tech with impact.

## AREA OF EXPERTISE

- **Full-Stack Web Development:** Proficient in ReactJS, NodeJS, ExpressJS, and MongoDB for building scalable and dynamic applications.
- **Frontend Technologies:** Expertise in HTML, CSS, JavaScript, and modern UI frameworks like MaterialUI and Bootstrap.
- **Backend Development:** Strong foundation in RESTful APIs, server-side logic, and database integration using NodeJS and ExpressJS.
- **IoT Solutions:** Working knowledge of integrating IoT devices for innovative projects like Smart Bin with weight measurement and data tracking.
- **Database Management:** Experience with relational and non-relational databases, including MySQL and MongoDB.
- **Version Control:** Proficient in Git/GitHub for collaborative development and code management.
- **Problem-Solving:** Strong analytical skills to identify issues and implement efficient solutions.
- **Project Management:** Leadership and organizational skills developed through team projects and hackathon experiences.

## KEY ACHIEVEMENTS

- **Smart India Hackathon (SIH) 2024:**  
Successfully led a team to the Grand Finale out of 500 competing teams.  
Developed and presented an innovative project, *JourneyPlanner*, showcasing exceptional leadership and technical skills.
- **Zero Waste in Smart Delhi Ideathon 2025:**  
Led a team that was selected for the Grand Finale among 120 teams.  
Conceptualized and developed a *Smart Bin* project with IoT integration, gamification features, and real-time data tracking to promote environmental sustainability.
- **Web Development Projects:**  
Designed and deployed multiple full-stack web applications using technologies like ReactJS, NodeJS, and MongoDB.

## EDUCATION

- **Bachelor of Computer Applications (BCA)**  
Kasturi Ram College of Higher Education, GGSIPU  
Year: 2023 - Present
- **Higher Secondary Education (Class 12)**  
Sant Sujan Singh Ji International School  
Board: CBSE  
Stream: Commerce with Maths  
Year: [2023]
- **Secondary Education (Class 10)**  
Sant Sujan Singh Ji International School  
Board: CBSE  
Year: [2021]