

# Ayush Das

+91-8462937240 | [ayushdas7354@gmail.com](mailto:ayushdas7354@gmail.com) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

### National Institute of Technology Jamshedpur

*Master of Computer Applications (MCA) — CGPA: 8.61*

Jharkhand, India

Aug 2024 – Present

### Surguja University, Ambikapur

*Bachelor of Computer Applications — 74.49%*

Chhattisgarh, India

Aug 2020 – May 2023

## PROJECTS

### Meetify — WebRTC Video Conferencing Platform

[Link](#)

*WebRTC, React, WebSockets, Tailwind CSS, Node.js, Express.js*

- Built a full-stack real-time video communication app using WebRTC, React, and Node.js.
- Implemented peer-to-peer media streaming using WebRTC and WebSocket signaling, reducing server load by **60%** through direct client connections.
- Enabled multi-user video calls with integrated chat functionality.
- Applied networking concepts like ICE, STUN/TURN, and SDP exchange.

### Trip Heaven – Travel with Comfort

[Link](#)

*Node.js, Express.js, MongoDB, EJS, Joi, HTML, CSS, JavaScript, Bootstrap*

- Developed an MVC-architected full-stack app enabling users to list, browse, and manage accommodations.
- Built secure authentication and authorization using Express middleware and session-based login.
- Designed MongoDB schemas for listings, users, and reviews using Mongoose and Joi validation.
- Implemented dynamic pricing, image uploads, and responsive UI using Bootstrap and EJS.
- Deployed production-ready application on Render with MongoDB Atlas and environment variables.

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, SQL

**Core CS:** Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks

**Web Technologies:** HTML, CSS, Bootstrap, Tailwind CSS, React.js

**Backend & Databases:** Node.js, Express.js, MongoDB, MySQL, RESTful APIs

**Cloud & Platforms:** Google Cloud Platform, Render, MongoDB Atlas

**Developer Tools & Others:** Git/GitHub, Postman, VS Code

## ACHIEVEMENTS

- Solved **350+ DSA problems** on LeetCode, strengthening algorithmic and problem-solving skills.
- Secured **AIR 493** in NIMCET 2024 (National MCA Entrance Examination).

## POSITIONS OF RESPONSIBILITY

### Joint Secretary — National Service Scheme (NSS)

NIT Jamshedpur

March '25 – Present

- Managed and coordinated **180+ volunteers** with a core team of **10 members** for planning and execution of NSS initiatives.
- Organized and led large-scale social impact events including **blood donation camps, cloth donation drives, and cleanliness campaigns**.