

ADITYA KUMAR

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SUMMARY

Computer Science student with a solid foundation in web development, eager to apply my skills to real-world projects. Have strong problem-solving abilities in Data Structures and Algorithms (DSA)

SKILLS

Programming Languages : C, C++, SQL
Frontend Skills : HTML, CSS, Javascript, TailwindCSS, GSAP, ReactJS
Backend Skills : Nodejs, Expressjs, MongoDB, Socket.io

EDUCATION

2022 - Present	BTech in CS at Lakshmi Narayan College of Technology and Science, Bhopal	
2021	Class 12th CBSE Board	(74.40)
2019	Class 10th CBSE Board	(86.00)

PROJECTS

EcoMines

- Developed a web-based tool to estimate CO2 emissions from coal mines and suggest carbon neutrality pathways, incorporating factors like production rates and emissions factors.
- Implemented real-time data processing and visualization using Node.js, MongoDB, and Chart.js.
- Technologies Used - Node.js, Express.js, MongoDB, and Chart.js.

BOOKNOOK

- Developed BookNook, a full-stack e-commerce platform where users can browse, purchase books, and sellers can list products.
- User authentication, seller product listings, shopping cart functionality, secure checkout, and MongoDB-based data storage.
- Technologies Used - Node.js, Express.js, MongoDB, jwt token for authentication

VideoChat-webApp

- This web app provides a video chat platform with automatic pairing, connecting users in unique rooms for text and video communication via socket.io and WebRTC. It efficiently handles user connections, disconnections, and re-pairing when needed.
- Technologies Used - Node.js, Express.js, Socket.IO for real-time communication, WebRTC for video calls and EJS for templating.

ACHIEVEMENT

– CODEBETA winner 2K24

CERTIFICATIONS

Frontend Development in 2023, Backend Development in 2024, Introduction to Database in 2024