

ADITYA AGARWAL

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[LinkedIn](#) ◇ [GitHub](#) ◇ [LeetCode](#) ◇ [Portfolio](#)

EDUCATION

Bachelor Of Technology, BIT Mesra
Computer Science and Engineering - 8.7 CGPA

2023 - 2027

SKILLS

Languages C++, JavaScript, Java
Core CS Data Structures & Algorithms, OOP, DBMS, OS, Computer Networks
Frontend React.js, Next.js, Redux, Tailwind CSS
Backend Node.js, Express.js, MongoDB, MySQL, Firebase, REST APIs, JWT
Tools Git, GitHub, Postman, Vercel, Render

PROJECTS

AI Chatbot Web Application

June 2025

Tech Stack: React.js, CSS3, Gemini AI API

[Source Code](#) — [Live Demo](#)

- Developed a responsive AI chatbot using React, featuring a clean UI and dynamic message rendering, capable of handling 100+ user interactions with smooth performance.
- Integrated Google Gemini API for intelligent conversational capabilities, achieving real-time responses under 1 second with 90%+ query understanding accuracy.

Frontend Code Editor

Jan 2025

Tech Stack: JavaScript, HTML5, CSS3, Bootstrap

[Source Code](#) — [Live Demo](#)

- Created real-time code preview editor supporting HTML/CSS/JavaScript execution
- Enabled auto-indentation and syntax highlighting for a more intuitive coding experience.
- Used by 100+ developers for practice with instant visual feedback

WhereIsMyBitBus

May 2025

Tech Stack: React/vite, JavaScript, Firebase, Chakra UI, OpenStreet Map

[Source Code](#) — [Live Demo](#)

- Developed a real-time bus tracking platform using React, JavaScript, and Firebase, solving a real-life commute issue for students and currently serving 300+ users across the BIT Mesra campus.
- Integrated OpenStreet Maps API and Firebase Auth to enable 98% live location accuracy and secure access for over 100 daily users.
- Enabled 5-second real-time location updates by storing only current coordinates in Firebase, ensuring accurate bus tracking while optimizing database performance during high-traffic hours.

[\(View all projects\)](#)

EXPERIENCE

React Developer Intern

Jan 2026 - Present

NS Apps Innovation

Hybrid

- Developed responsive user-facing portals and admin dashboards for Bihar government projects used in real-world production environments
- Built dynamic forms with advanced validation logic (client + API-level error handling) ensuring accurate data submission
- Collaborated with backend developers to define API contracts and ensure smooth frontend-backend integration across government portals.

Software Development Engineer (SDE) Intern

May 2025 - July 2025

ETS Networks

Remote

- Developed and optimized software modules, ensuring clean, maintainable, and efficient code.
- Collaborated with the tech team on debugging, testing, and delivering key project milestones.

Freelancer

July 2023 - Present

- Developed 5+ client websites using WordPress and Frontend Technologies, tailored for user engagement and business needs.
- Managed 10K+ monthly visitors with 98% uptime and optimized performance for speed and responsiveness.

ACHIVEMENTS

- Won 1st Prize in Web Development at Technika'24 Hackathon, BIT Mesra.
- Won 2nd Prize in Innovate-A-Thon 3.0, a 36-hour Web3 Hackathon at BIT Mesra
- Top 5 Team in Web Development at Hackit'25 (48-hour Hackathon), Amity University.
- Semifinalist – TCS CodeVita, Competing Among Thousands of Global Participants.
- Solved 350+ DSA problems across major platforms, enhancing algorithmic and problem-solving skills.